

20021207.qrp v02_n762.qrl.20021207

Date: Sat, 7 Dec 2002 19:03:06 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2762

QRP-L Digest 2762

Topics covered in this issue include:

- 1) [141606] 2nd Shipment of the 4th Annual 2003 QRP Contest Calendar for QRP'ers
by "Ron Polityka" <wb3aal@fast.net>
- 2) [141607] RE:Reading Your Handbook
by Karl Kanalz <kkanalz@gcecisp.com>
- 3) [141608] Re: 2nd Shipment of the 4th Annual 2003 QRP Contest Calendar for
QRP'ers
by "w8diz" <w8diz@fpqrp.com>
- 4) [141609] W4RT Service
by "Francis Callahan" <colcal@srv.net>
- 5) [141610] Heathkit Twoer lunchbox
by Alan <aadelma@yahoo.com>
- 6) [141611] Re: OT/Stubborn file to remove
by "Dave Ek" <ekdave@earthlink.net>
- 7) [141612] Re: Heathkit Twoer lunchbox
by "James R. Duffey" <jamesd1@flash.net>
- 8) [141613] WTB:K1MG Digital Display kit's....
by "Andy GM0NWI" <gm0nwiqrp@btopenworld.com>
- 9) [141614] OT- Southern CA ragchew?
by "Ron L. Sparks" <rls@sparkles.com>
- 10) [141615] RE: 160m QRN...ARRRGH!!!
by Nick Kennedy <nkennedy@tcainternet.com>
- 11) [141616] RE: 300 vs 450 Ohm Ladderline for Doublet
by "Karl F. Larsen" <k5di@zianet.com>
- 12) [141617] Re: OT/Stubborn file to remove
by "Mike Yetsko" <myetsko@insydesw.com>
- 13) [141618] Re: 160m QRN...ARRRGH!!!
by Rob Matherly <w0jrm@arrl.net>
- 14) [141619] 160 meter ARRL Test
by Fred Lesnick <flesnick@tbaytel.net>
- 15) [141620] Re: Heathkit Twoer lunchbox
by Bob Nielsen <nielsen@oz.net>
- 16) [141621] NK0E's neat PDA CW Serial Sending Kit
by "Lee Mairs" <lmairs@direcway.com>
- 17) [141622] Fw: Revised: Microsoft Security Bulletin MS02-068: Cumulative Patch
for Internet Explorer (324929)
by "W2WU" <w2wurjj@verizon.net>
- 18) [141623] Fw: WARNING: Geomagnetic Sudden Impulse expected

- by "W2WU" <w2wurjj@verizon.net>
- 19) [141624] Fun with street lights
by Steven Weber <kd1jv@moose.ncia.net>
- 20) [141625] Introductory Electronic Devices and Circuits
by Lenny Wintfeld <w2bvh@comcast.net>
- 21) [141626] FS: Kenwood TS-130V QRP Rig
by "Stephen Yates" <aa5tb@arrl.net>
- 22) [141627] Re: 160 meter ARRL Test
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 23) [141628] FS: Norcal Nor'easter Shortwave Receiver Kit
by Steve Holloway <wsholloway1@yahoo.com>
- 24) [141629] Re: Introductory Electronic Devices and Circuits
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 25) [141630] WTB: Solid #22 AWG Teflon Coated Wire in Solid Color
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 26) [141631] Re: Introductory Electronic Devices and Circuits
by Ed Tanton <n4xy@earthlink.net>
- 27) [141632] Re: PCB Drilling Question
by "Leon Heller" <leon_heller@hotmail.com>
- 28) [141633] Re: Heathkit Twoer lunchbox
by John Payne <paynej1@strato.net>
- 29) [141634] Re: Heathkit Twoer lunchbox
by "Charles" <cvest@hit.net>
- 30) [141635] Re: OT/Stubborn file to remove
by "Karl F. Larsen" <k5di@zianet.com>
- 31) [141636] Re: Introductory Electronic Devices and Circuits
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 32) [141637] Re: WTB: Solid #22 AWG Teflon Coated Wire in Solid Color
by <n2go@arrl.net>
- 33) [141638] Re: Introductory Electronic Devices and Circuits
by David Hinerman <WD8CIV@worldnet.att.net>
- 34) [141639] Re: 300 vs 450 Ohm Ladderline for Doublet
by "James R. Duffey" <jamesd1@flash.net>
- 35) [141640] Re: OT/Stubborn file to remove
by "Dave Ek" <ekdave@earthlink.net>
- 36) [141641] Re: OT/Stubborn file to remove
by Dave Richards <wr3i@earthlink.net>
- 37) [141642] Re: OT/Stubborn file to remove
by W2AGN <w2agn@w2agn.net>
- 38) [141643] 160 Meter contest wateringhole
by "Jim N0UR" <n0ur@attbi.com>
- 39) [141644] ARRL 160 Test..
by Fred Lesnick <flesnick@tbaytel.net>
- 40) [141645] Re: OT/Stubborn file to remove
by Darrel Swenson <k0awb@tconl.com>
- 41) [141646] Re: PIC Wx Station Part 2 from QQ Now on the web
by "Dave Ek" <ekdave@earthlink.net>
- 42) [141647] Re: OT/Stubborn file to remove

- by "Bob and Janet" <jbcraft@adelphia.net>
- 43) [141648] More Rock-Mite-20 /mobile fun
by "Bill, N4QA" <n4qa@hotmail.com>
- 44) [141649] Re: OT/Stubborn file to remove
by W2AGN <w2agn@w2agn.net>
- 45) [141650] Help with a call sign
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 46) [141651] FS Fluke 87
by "Rod N0RC" <rod@n0rc.us>
- 47) [141652] RE:Reading Your Handbook
by Brian Short <bshort4@cox.net>
- 48) [141653] W6TOY?
by W2AGN <w2agn@w2agn.net>
- 49) [141654] A Spectrum Analyzer Odyssey
by VE3JC John Cumming <jbcumming@wwdc.com>
- 50) [141655] Re: OT/Stubborn file to remove
by Larry - WA2DGD <wa2dgd@comcast.net>
- 51) [141656] Re:WTB Argosy filter
by Gsdavis7070@cs.com
- 52) [141657] Call sign help
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 53) [141658] Austin QRP Club Meeting
by Glen Reid <k5fx@arrl.net>
- 54) [141659] ARRL 160M test
by Steven Weber <kd1jv@moose.ncia.net>
- 55) [141660] The ARRL Handbook and Questions and Answers
by "Chuck Adams, K7QO" <k7qo@earthlink.net>
- 56) [141661] RE: The ARRL Handbook and Questions and Answers
by "NF0J - Dave" <nf0j@att.net>
- 57) [141662] Re: The ARRL Handbook and Questions and Answers
by Brian Short <bshort4@cox.net>
- 58) [141663] Variable Caps
by "Royce Simmons" <w2rbn@prodigy.net>
- 59) [141664] Looking for polyvaricon caps
by "George Heron N2APB" <n2apb@erols.com>
- 60) [141665] FS Teflon wire: Xmas Sale
by <n2go@arrl.net>
- 61) [141666] RE: The ARRL Handbook and Questions and Answers
by KD5NWA <KD5NWA@mbayona.com>
- 62) [141667] Re: Variable Caps
by "Chris Trask" <chistrask@earthlink.net>
- 63) [141668] NM all QRP
by Larry Cahoon <lejek@erols.com>
- 64) [141669] Re: Variable Caps
by "Thomas Kuehl" <ac7a@earthlink.net>
- 65) [141670] Re: Variable Caps
by "Thomas Kuehl" <ac7a@earthlink.net>
- 66) [141671] Re: W6TOY?

by Bill ROWLETT <kc4atu@yahoo.com>
67) [141672] mk484
by "Larry" <w5wlb@gbronline.com>
68) [141673] RE: [radio] 160 Meter contest wateringhole
by "David Bixler" <grp@netins.net>
69) [141674] HB - wire specs
by Harry <wa3ptg@comcast.net>
70) [141675] RE: The demise of old radio stores
by Harry <wa3ptg@comcast.net>
71) [141676] 6M contest
by "Joe W2KJ" <w2kj@bellsouth.net>
72) [141677] custom NA-20 paddle for sale
by Goemans <jgoemans@facstaff.wisc.edu>
73) [141678] 4-conductor computer ribbon:
by "Doc K0EVZ" <dock0evz@earthlink.net>
74) [141679] Teflon coated wire --- cheapest price thus far
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
75) [141680] Battery powered soldering iron
by "Bob Tellefsen" <n6wg@earthlink.net>
76) [141681] Re: Battery powered soldering iron
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
77) [141682] Re: Battery powered soldering iron
by David Hinerman <WD8CIV@worldnet.att.net>
78) [141683] Re: Help with a call sign: try <http://callsign.ualr.edu/callsign.shtml>
by "Jim Pruitt" <wa7duy@charter.net>

Date: Fri, 6 Dec 2002 19:26:03 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@lehigh.edu>
Subject: [141606] 2nd Shipment of the 4th Annual 2003 QRP Contest Calendar for QRP'ers
Message-ID: <001901c29d87\$3a56ad60\$42e35cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

We are now making the 2nd shipment of the 4th Annual QRP Contest Calendar for the QRP'er. If you place an order through the PayPal system, it will go out on Dec. 7, 2002 @ 13:00 UTC.

This years theme is QRP Clubs with club calls. Each month will feature a different QRP clubs that has a club call.

Check out www.n3epa.org and click on the link to the calendar.

This year we are accepting PayPal to make it easier to purchase the calendar.

72 & Good DX
Ron de N3EPA
El Presidente'
n3epa@fast.net
www.n3epa.org

Date: Fri, 6 Dec 2002 18:32:29 -0600
From: Karl Kanalz <kkanalz@gcecispc.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [141607] RE:Reading Your Handbook
Message-ID: <01C29D55.DAB57020@KKANALZ>

And to think I got chastised for advising newbies to FIRST read their ARRL (or similar) handbook when they asked questions on this reflector that could have been answered in the FIRST place by merely opening their handy-dandy Handbook!

No, I'm not a curmudgeon, but I firmly believe that at least some effort should be expended before taking the "easy way out" and putting the question to a large reflector such as this. If, after reading/researching in the reference materials available, and something still isn't clear, THEN ask your question!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: Paul Valko [[SMTP:w8kc@comcast.net](mailto:w8kc@comcast.net)]
Sent: Friday, December 06, 2002 1:02 PM
To: Low Power Amateur Radio Discussion
Subject: Buy and... Re: READ your handbook!

Take Chuck and Glen's advice to heart.

I tell every new ham that the THIRD purchase they make (since they already bought the dual-band HT and speaker microphone) should be a

copy of the recent ARRL Handbook.

#1 item on my list of must-have ham accessories.

73! =paul= W8KC

Collector of TenTecs and other fine plastics

Visit the Virtual Ten*Tec museum at:

<http://mywebpages.comcast.net/w8kc>

----- Original Message -----

From: Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>

Date: Friday, December 6, 2002 12:40 pm

Subject: READ your handbook!

> Folks,

> It bears repeating that the ARRL HANDBOOK is a superb
> resource for learning about all aspects of ham radio. Its at my
> bedside table - its non-fiction, and you can read a chapter like a
> novel. Everyone
> can learn something new. I've been reading it for 30 years and can
> attest that there's still stuff to learn. Its chock full of useful
> stuff too,
> that requires SOME familiarity to know they're there.

>

> ----- Original Message -----

> From: "Chuck Adams, K7QO" <k7qo@earthlink.net>

> To: "Low Power Amateur Radio Discussion" <grp-1@Lehigh.EDU>

> Sent: Friday, December 06, 2002 11:45 AM

> Subject: 300 ohm and 450 ohm window/ladder line

> >

> > Gang,

> [...]

> > Look in the ARRL Handbook (here 2002 edition) on page 19.6.

> > There is a graph of matched line attenuation in decibels per 100 ft
> > for different types of coax and open wire "window" line. If you
> > do not have a copy of a late edition of the ARRL Handbook and you
> > are not using it, then you will forever be in the group asking
> the same

> > questions over and over again. IMHO. And having a copy is not
> enough.> Reading is fun and besides there are some interesting
> projects in the

> > book. \$32.95 at Fry's Electronics at a \$2 discount.

> [...]

>

>

Date: Fri, 6 Dec 2002 19:34:58 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141608] Re: 2nd Shipment of the 4th Annual 2003 QRP Contest Calendar for QRP'ers
Message-ID: <002b01c29d88\$797cf2a0\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Received my calendar several days ago...Great job!!!!

Just want to know...

Did NOGA pay extra to get an earlier month than the Flying Pigs?

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
FP#-1 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 HIqrp-400
<http://kitsandparts.com>

----- Original Message -----

From: "Ron Polityka" <wb3aal@fast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, December 06, 2002 7:26 PM
Subject: 2nd Shipment of the 4th Annual 2003 QRP Contest Calendar for QRP'ers

Hello,

We are now making the 2nd shipment of the 4th Annual QRP Contest Calendar for the QRP'er. If you place an order through the PayPal system, it will go out on Dec. 7, 2002 @ 13:00 UTC.

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the calendar.

72 & Good DX
Ron de N3EPA
El Presidente'
n3epa@fast.net
www.n3epa.org

Date: Fri, 6 Dec 2002 17:36:33 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [141609] W4RT Service
Message-ID: <001501c29d88\$b2c0fb60\$11ca1341@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just got my FT 817 mike back from W4RT great service sent it in from Idaho last Fricay and got it back today. That is what I call service and the price is right. Also the manual for the 817 he sells is really great It is nice to find a company that still cares about the customer. Cal KF7ET

Date: Fri, 6 Dec 2002 16:56:41 -0800 (PST)
From: Alan <aadelma@yahoo.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [141610] Heathkit Twoer lunchbox
Message-ID: <20021207005641.94031.qmail@web14002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I was looking at a recent CQ mag and noticed a picture of Joe Walsh (guitarist from The Eagles and also a ham) on the cover with his vintage gear. In the background was a Heath Twoer. I suppose it was their answer to the Gonset communicator with a few watts of AM on 2m with a super-regen receiver. I always got a

kick out of the styling, but never operated one.
Anybody out there ever had one? I just love hearing
about bizarre qrp/portable rigs, both new and old!

Alan - wb2erj

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Fri, 6 Dec 2002 18:04:38 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141611] Re: OT/Stubborn file to remove
Message-ID: <001501c29d8c\$9dd96e90\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ed,

Usually, just rebooting your computer will allow you to delete a problem
file. Probably what happened was that your graphics program left the file
open after failing to recognize it as a valid format. This kind of thing
happens occasionally--a program crashes and the file you were editing isn't
closed properly, and Windows can't figure that out. But if you reboot, the
file gets closed and then you can delete it no problem.

73 de Dave NK0E

Date: Fri, 06 Dec 2002 18:24:18 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Subject: [141612] Re: Heathkit Twoer lunchbox
Message-ID: <BA169BD2.219DC%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I had a Twoer in the late 60s. 145.2 Mcps. The best DX I made was 60 miles

with a 3 element beam. The crystal was inside the rig and hard to change as you needed to remove the case. The superregen receiver was OK, but not very selective. The tuning was very broad, I doubt that you could separate 4 strong signals in the whole band. When FM took over, the Twoers were pretty much useless in metro areas. No CW either.

There were lots of mods published. It needed them . - Dr. Megacycle KK6MC.

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sat, 7 Dec 2002 01:24:16 -0000
From: "Andy GMONWI" <gm0nwiqrp@btopenworld.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141613] WTB:K1MG Digital Display kit's....
Message-ID: <003901c29d8f\$70661e60\$055bfea9@GMONWILAPTOP>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Guy's

Just wanted to "post" this plea here on the list to see if anyone can help..?

I am currently in the middle of some "Epiphyte 3" kit's construction... and are in need of a nice Digital Display, for my 2 unit's to finish them off...

Does anyone here on the list have a "K1MG Digital Display" unit that they would be willing to sell...? I am actually in need of 2 of these units, as I have 2 of the "Epiphyte 3 kits" that the G-QRP Club offered to it's members a while back....

I am told by another "ham" here on the list, that they were indeed the same as the "norcal epiphyte 3" kits that were sold around or before the same time as I bought mine....

Would be willing to buy for the SAME price as any person paid for their respective

units....

The list has been overwhelming in it's responses to all my other "posts" in the past, so let's hope that you guy's can see your way to parting with something that may not have been put to good use yet...for some hard earned cash, so that "santa" may bring you something which is "more of a want" for you this xmas....

Answers on a postcard to the e-mail address below....

Happy Holiday's y'all.....

" Greetings From Bonnie Scotland..."

gm0nwiqrp@btopenworld.com

72's, 73's

"..Badda-Bing..Badda-Boom.."

Andy

A.R.S.

"..It is vain to do with more....

"A Dis-Orientated Kiwi...

GM0NWI QRP

what can be done with less..."

In The Northern Hemisphere..."

GQRP No.9576

QRP-L No.2165

ICQ No.31899603

Date: Fri, 6 Dec 2002 19:31:51 -0600

From: "Ron L. Sparks" <rls@sparkles.com>

To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>

Subject: [141614] OT- Southern CA ragchew?

Message-ID: <006401c29d90\$6ac545c0\$6501a8c0@DELLLAPTOP>

MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: 7bit

I finished up early and find myself in Southern California (Fountain Valley). Any of you QRPers in the neighborhood want to grab a burger (or better) and do a little ragchewing? If so, let me know off-list at AG5RS@arrl.net.

Ron, AG5RS

Date: Fri, 6 Dec 2002 19:36:51 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'mpupeza@sympatico.ca'" <mpupeza@sympatico.ca>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141615] RE: 160m QRN...ARRRGH!!!
Message-ID: <01C29D5E.D3C847C0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Cool--we've done that. Those stupid nightwatchers make watching the sky impossible. On July 4th, we discovered by accident that a Roman candle ball fired just right could shut the thing off for a few minutes. It became a game of skill, trying to knock out the MV light. Later when I got a laser pointer, I discovered the same thing you did. But if you don't have a tripod you have to be a deadeye shot.

There's a lot of time delay in those photocells. One shot puts it out for a couple minutes. You need a timer on your pointer to give it a shot every minute or so.

72--Nick, WA5BDU

On Friday, December 06, 2002 4:10 PM, Michael Pupeza
[SMTP:mpupeza@sympatico.ca] wrote:

> It ain't hard. They use a laser pointer and set it on a tripod and aim it
> at
> the photocell on the top of the light!
> Zap! It's off!
> Mike VE3EQP....>

Date: Fri, 6 Dec 2002 19:07:17 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Dave Richards <wr3i@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141616] RE: 300 vs 450 Ohm Ladderline for Doublet
Message-ID: <Pine.LNX.4.44.0212061902540.2874-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave, a tuned dipole IS a proper dipole. I may not of said it right

but my 66 foot dipole works fine on 40 and 15 meters, shorten it by rolling up the wire for 30 meters ect. If I were going to carry an antenna tuner then I would take a 44 foot wire and load it on every frequency from 7.0 to 52 MHz.

On Fri, 6 Dec 2002, Dave Richards wrote:

> I don't understand? what's a tuned Dipole as apposed to a proper dipole?
> Dave
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Karl F. Larsen
> Sent: Friday, December 06, 2002 7:41 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: 300 vs 450 Ohm Ladderline for Doublet
>
>
>
> For backpacking I would use 300 ohm because it's light and rolls up into
> a small ball. 450 ohm ladder line is better because it has less loss.
>
> What I use for backpacking is a tuned dipole fed with rg-174 the tiny
> coax. The antenna is easy to adjust when backpacking so you adjust the
> length for the band you want.
>
> At home I have an 88 foot dipole fed with 450 ohm line.
>
> On Thu, 5 Dec 2002, Mark Schoonover wrote:
>
> > I'm planning on building a doublet, and I've read on various lists about
> > using 300 ohm twinlead. Would 450 work as well?? I know it's much heavier
> > then the twinlead, so that would make a difference when backpacking...
> > Just
> > looking for something all band that works well, easy to build, etc...
> > Comments welcome.
> >
> > Thanks & 72
> >
> > .mark
> >
> > Give a man a match, and he'll be warm for a minute, but set him on fire,
> > and
> > he'll be warm for the rest of his life.
> >
> >

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--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 6 Dec 2002 21:22:17 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <n4xy@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141617] Re: OT/Stubborn file to remove
Message-ID: <008701c29d97\$7d9da0a0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've run into these...

In some cases, I've had luck copying all the other files out, then doing
a 'deltree'.

Other times I've had success with a 'wild card'. Even if it's the
complete
filename followed by the '*'.

Then there was that one time I had to go in with debug...

Mike

Date: Fri, 6 Dec 2002 20:59:01 -0600
From: Rob Matherly <w0jrm@arrl.net>
To: nkennedy@tcainternet.com, qrp-1@lehigh.edu

Subject: [141618] Re: 160m QRN...ARRRGH!!!
 Message-ID: <200212070259.gB72xhc1003807@mail.iowasocean.com>
 Content-Type: text/plain;
 charset="iso-8859-1"
 MIME-Version: 1.0
 Content-Transfer-Encoding: 8bit

On Friday 06 December 2002 07:36 pm, Nick Kennedy wrote:

```
> There's a lot of time delay in those photocells. One shot puts it out for
> a couple minutes. You need a timer on your pointer to give it a shot every
> minute or so.
```

Hi-power spotlights are good too ;^)

```
--
><><><><><><><><><><><><><><
72-73-00
(W)(O)(J)(R)(M)
Rob Matherly - Plano, Iowa - EN30ls
http://www.qsl.net/w0jrm
ARRL -- FPqrp -330 -- IA QRP #143
SOC #497 -- QRPP-I #19
Using Mandrake Linux 99.9% of the time...
SAMPO!
```

Date: Fri, 06 Dec 2002 22:28:50 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-l@lehigh.edu>
Subject: [141619] 160 meter ARRL Test
Message-ID: <3DF16AF2.A416822@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:
I must say, it was easier to work all fellow QRPers last night , then
it is now with all the big guns on frequency.....
will plug away all night if I have to.....
play in this test every year, and always have fun in it.....
just like last night, I have no noise levels on 160, I must have my 160
meter dipole in the right spot in the field.....
have a good night all....

Fred
VE3FAL

Running QRP 160 with FT817, Z11 tuner, and 160 meter dipole at 5 watts out...

Date: Fri, 6 Dec 2002 19:29:19 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141620] Re: Heathkit Twoer lunchbox
Message-ID: <20021207032919.GA2395@bob.n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I picked one up cheap from another ham in the mid-1970's. Trouble is, by then everyone was using FM on two meters and all I could hear was the carriers. Superregens don't slope detect very well!

73, Bob N7XY

On Fri, Dec 06, 2002 at 04:56:41PM -0800, Alan wrote:
> I was looking at a recent CQ mag and noticed a picture
> of Joe Walsh (guitarist from The Eagles and also a
> ham) on the cover with his vintage gear. In the
> background was a Heath Twoer. I suppose it was their
> answer to the Gonset communicator with a few watts of
> AM on 2m with a super-regen receiver. I always got a
> kick out of the styling, but never operated one.
> Anybody out there ever had one? I just love hearing
> about bizarre qrp/portable rigs, both new and old!
>
> Alan - wb2erj

Date: Fri, 6 Dec 2002 22:29:31 -0500
From: "Lee Mairs" <lmairs@direcway.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [141621] NK0E's neat PDA CW Serial Sending Kit
Message-ID: <000b01c29da0\$db3643d0\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I brought my NK0E Palm Serial Sender Kit down from the mountains and made it my snow-day project/ What a neat kit, and it should be really useful too. It interfaces a PDA running GoLog with your transceiver and automatically

provides contest logging, memory keyer, and dupe QSO checking.

The typical NJQRP Club kit - clear directions and top quality parts. It took about an hour or so to put it together and then about three hours to conclude that I didn't have any 9 volt batteries in the house. A trip to Radio Shack for some 2.1mm coaxial power plugs and then Home Depot for an 8 pack of Rayovac 9 volt batteries was fun in my 4 wheel drive urban assault vehicle. Then another hour or so to find the Palm to DB-9 serial connector cable, and pretty soon the snow day was shot. Unfortunately, I didn't bring a rig to try it with, but the blinking LED indicates that it is sending all that the manual said it is supposed to.

This is an ingenious kit and I know will be a lot of fun when I finally get a radio on the working end. My only gripes were the measurements provided for the front panel of the plastic enclosure. By the time I used my Islander mounted in a Dremel to hog out the 1/4" holes I drilled perzackly where I thought the measurements said, the switch, LED, and stereo ports out, the holes were more oblong than round. There just has to be an easy trick to getting this done right the first time. I repeatedly squander front panel material by drilling the mounting holes incorrectly. Can we start a thread on getting front panels drilled correctly to match controls and ports mounted directly to PC boards?

73 de Lee, KM4YY

PS: The Serial Sender Kit was only \$34. Info is at:

<http://www.njqrp.org/palmserialsender/index.html>

PS2: Anybody have a Word Document of the kits top panel label layout they can email me? I messed mine up with lacquer bleed thru. Enclosing things just doesn't seem to be my strong suit!

Date: Fri, 6 Dec 2002 22:29:51 -0500

From: "W2WU" <w2wurjj@verizon.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Cc: "H W MOORE" <hmoore@netdoor.com>

Subject: [141622] Fw: Revised: Microsoft Security Bulletin MS02-068: Cumulative Patch for Internet Explorer (324929)

Message-ID: <001201c29da1\$02f98e40\$c400a8c0@vaio>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

FYI 73, Ron W2WU

----- Original Message -----

From: "Microsoft"
<0_41834_6A10A5B8-ACBD-4873-AE6E-353F9CD13643_US@Newsletters.Microsoft.com>
To: <w2wurjj@verizon.net>
Sent: 06 December, 2002 21:08
Subject: Revised: Microsoft Security Bulletin MS02-068: Cumulative Patch for
Internet Explorer (324929)

-----BEGIN PGP SIGNED MESSAGE-----

Title: Cumulative Patch for Internet Explorer (324929)
Released: 04 December 2002
Revised: 06 December 2002 (version 2.0)
Software: Microsoft(r) Internet Explorer
Impact: Allow an attacker to execute commands on a user's
system.
Max Risk: Critical
Bulletin: MS02-068

Microsoft encourages customers to review the Security Bulletins at:
http://www.microsoft.com/security/security_bulletins/ms02-068.asp
<http://www.microsoft.com/technet/security/bulletin/MS02-068.asp>.

Reason for Revision:

=====

This is an updated bulletin describing a cumulative patch for Internet Explorer 5.5 and 6.0. The original patch released on December 4, 2002 is unchanged. However since releasing the patch, Microsoft has received a report suggesting that the vulnerability addressed by this bulletin could be exploited to run arbitrary code on a user's machine. Microsoft investigated that report, and was able to develop a demonstration that exploits the vulnerability to run arbitrary code. We have released this updated bulletin to advise customers of our new assessment of the potential impact of the vulnerability, and of its updated severity rating.

Issue:

=====

This is an updated bulletin describing a cumulative patch for Internet Explorer 5.5 and 6.0. The original patch is unchanged and, in addition to including the functionality of all previously released patches for Internet Explorer 5.5 and 6.0, eliminates one additional flaw in Internet Explorer's cross-domain security model. This flaw occurs because the security checks that Internet Explorer carries out when particular object caching techniques are used in

web pages are incomplete. This could have the effect of allowing an attacker to execute commands on a user's system.

Exploiting the vulnerability could enable an attacker to invoke an executable that was already present on the local system. It could also allow an attacker to load a malicious executable onto a user's system, or to pass parameters to an executable. However, a registry key setting discussed in Microsoft Knowledge Base Article 810687 disables shortcuts in HTML Help, which significantly reduces the scope of this vulnerability as it removes the ability to load a malicious executable on a user's system or to pass parameters to an executable.

An attacker could exploit the vulnerability by constructing a web page that uses a cached programming technique, and could then either host it on a web site or send it to a user via email. In the case of the web-based attack vector the page could be automatically opened when a user visited the site. In the case of the HTML mail-based attack vector, the page could be opened when the recipient opened the mail or viewed it using the Preview pane.

On December 4, 2002, Microsoft released the original version of this bulletin. Subsequent to that time, Microsoft received a report suggesting that the vulnerability addressed by this bulletin could be exploited to run arbitrary code on a user's machine. Microsoft investigated that report, and was able to develop a demonstration that exploits the vulnerability to run arbitrary code. We have released this updated bulletin to advise customers of our new assessment of the potential impact of the vulnerability, and of its updated severity rating.

The original patch released with this bulletin was and is effective in preventing exploitation of the vulnerability. It is also effective in eliminating all vulnerabilities addressed by prior bulletins that could allow a malicious party to run code on the machine of a user who visited a hostile web site or opened a malicious HTML email message. Microsoft strongly urges all customers to install the patch.

Mitigating Factors:

=====

- -Internet Explorer 5.01 is not affected by this vulnerability.
- -The web-based attack scenario would provide no way for the attacker to force users to visit the site. Instead, the attacker would need to lure them there, typically by getting them to click on a link that would take them to the attacker's site.
- -The HTML mail-based attack scenario would be blocked by Outlook Express 6.0 and Outlook 2002 in their default configurations, and

by Outlook 98 and 2000 if used in conjunction with the Outlook Email Security Update.

- If the steps described in Microsoft Knowledge Base Article 810687 have been taken to restrict shortcuts in HTML Help, then the following mitigating factors apply:
 - The vulnerability would allow an attacker to read but not add, delete or modify files on the user's local system.
 - The attacker would need to know the name and location of any file on the system to successfully invoke it. If invoked, there would be no way for an attacker to pass parameters to that executable.
 - The vulnerability would not provide any way for an attacker to put a program of their choice onto another user's system.

Risk Rating:

=====

Critical

Patch Availability:

=====

- A patch is available to fix this vulnerability. Please read the Security Bulletin at <http://www.microsoft.com/technet/security/bulletin/ms02-068.asp> for information on obtaining this patch.

- - - - -

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-----BEGIN PGP SIGNATURE-----

Version: PGP 7.1

iQEVAwUBPfEh+40ZSRQxA/UrAQE1WQf/RCZNbq2aVCbvaJi1iRxWdW2E9Ah451Lj
CT33JUR6d9+TmUazFfglWFM0zLXcBctERZDkAyLWjvg03Yc+usI0do4BQN15Mf+o
V739TyR7rfumnpnKr9qlpFJRLkaBPnPPNh/Yphd8LbLB1J7DfTjDxuUS966gTKb
Gkxg0l8zBvDwaCpCrWyBHEa0IpBivUxj8HKBGzrcj0n82y4C9Z0d9i0AsFwqyrsa
FSBPo3r55cZB6w/De+CIQ0siftgbvvWR0WtRk/2REti0+wzTnF0SK04GNdFm3n1

V8UckCD9Jv2BzPlFWp6qDKEPaFHdUzrbIZYYwZsBesZzwbsP+2pusg==
=n7GV
-----END PGP SIGNATURE-----

You have received this e-mail bulletin because of your subscription to the Microsoft Product Security Notification Service. For more information on this service, please visit
<http://www.microsoft.com/technet/security/notify.asp>.

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To unsubscribe from the Microsoft Security Notification Service, please visit the Microsoft Profile Center at
<http://register.microsoft.com/regsys/pic.asp>

If you do not wish to use Microsoft Passport, you can unsubscribe from the Microsoft Security Notification Service via email as described below:
Reply to this message with the word UNSUBSCRIBE in the Subject line.

For security-related information about Microsoft products, please visit the Microsoft Security Advisor web site at <http://www.microsoft.com/security>.

Date: Fri, 6 Dec 2002 22:32:41 -0500
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "H W MOORE" <hmoore@netdoor.com>
Subject: [141623] Fw: WARNING: Geomagnetic Sudden Impulse expected
Message-ID: <001d01c29da1\$53694aa0\$c400a8c0@vaio>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "RWC.BOULDER" <RWC.BOULDER@noaa.gov>
To: <w2wurjj@verizon.net>
Sent: 06 December, 2002 22:12
Subject: WARNING: Geomagnetic Sudden Impulse expected

>
>
>
> Space Weather Message Code: WARSUD
> Serial Number: 25
> Issue Time: 2002 Dec 07 0312 UTC
>
> WARNING: Geomagnetic Sudden Impulse expected
> Valid From: 2002 Dec 07 0350 UTC
> Valid To: 2002 Dec 07 0415 UTC
> IP Shock Passage Observed: 2002 Dec 07 0307 UTC
>
>
>
> For more information on this Warning or Alert call the Space Weather
> Office at (303) 497 3171 (24 Hours) or email RWC.Boulder@noaa.gov
>
> To modify your request for our products call the Space Environment Center
> at (303) 497 3204 (8am - 5pm Mountain Time) or email
Candice.L.Curtiss@noaa.gov

Date: Fri, 06 Dec 2002 22:33:23 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [141624] Fun with street lights
Message-ID: <3.0.6.32.20021206223323.007b2750@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Many years ago, a friend of mine lived in a 2nd floor apartment with access to the "widows watch" tower. He set up his He-Ne laser on a tripod and aimed it at the street light out side his living room window. The laser was set up on a BSR remote control. You'd go vist and he's say "check out my remote controlled street light" and hit the button, the light would go out :-)

Drove the power co. nuts for a few months trying to fix that intermitent street light, till he finally got tired of the game...

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Fri, 06 Dec 2002 22:50:26 -0500
From: Lenny Wintfeld <w2bvh@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141625] Introductory Electronic Devices and Circuits
Message-ID: <3DF17002.5010400@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

I just stumbled across "Electronic Devices and Circuits" by Robert Paynter (Prentice-Hall) while doing my imitation of Brownian motion at my local Barnes and Noble. What a great book. Has the all dirty details on most fundamental semiconductor circuits. Includes the "how" the "why" and the "when" and "what to do if it's not working right". It's obviously a textbook for Electronics 101 and 102. Wish I had it when I took those courses. You can check it out in a little more detail at <http://cwx.prenhall.com/bookbind/pubbooks/paynter2/>

I would have bought it right on the spot, except for its \$110 price tag. Maybe I'll drop a hint to the xyl a few weeks before my b'day.

73,

Lenny W2BVH

Date: Fri, 6 Dec 2002 22:46:47 -0600
From: "Stephen Yates" <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@lehigh.edu>
Subject: [141626] FS: Kenwood TS-130V QRP Rig
Message-ID: <009701c29dab\$a74376a0\$9136a6d8@Main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm finally going to part with my Kenwood TS-130V. I originally purchased it in 1981.

PRICE:

\$400 certified check or money order (includes shipping within CONUS only)

INCLUDES:

Kenwood TS-130V 80-10m & WARC HF SSB/CW Transceiver

YK-88CN 270 Hz CW Filter

YK-88SN 1.8 kHz SSB Filter

YK-88S 2.4 kHz SSB Filter

Dynamic Microphone

12 VDC Power Cord

Spec'd at 25 watts input PEP (11 watts output)

I have it internally ALC adjusted to 5 watts output.

(I can change it back to factory if requested)

Physical Condition: ~7 (due to paint chips)

Works great

Kenwood VFO-120 Companion VFO

Physical Condition: 9.5

Works good (contacts on back a bit oxidized)

Manual and original box available for the VFO

I have the following photos if you're interested:

http://www.qsl.net/aa5tb/ts_130v_a.jpg TS-130V, VFO-120, mic

http://www.qsl.net/aa5tb/ts_130v_b.jpg TS-130V, Front

http://www.qsl.net/aa5tb/ts_130v_c.jpg VFO-120, Front

http://www.qsl.net/aa5tb/ts_130v_d.jpg TS-130V, Rear

http://www.qsl.net/aa5tb/ts_130v_e.jpg VFO-120, Rear

http://www.qsl.net/aa5tb/ts_130v_f.jpg TS-130V, Top

http://www.qsl.net/aa5tb/ts_130v_g.jpg TS-130V, Bottom

73,

Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

Date: Sat, 07 Dec 2002 05:02:07 +0000

From: "Mike WA8BXN" <hubby2k@hotmail.com>

To: flesnick@tbaytel.net, qrp-1@lehigh.edu

Subject: [141627] Re: 160 meter ARRL Test

Message-ID: <F165I5Ua5rcEgGuduND0001dbc8@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

I'm having a great time, able to work about 3/4 of the stations I call with patience. Using a K-2 at 5 W with a 20 m loop for RX, 80 m dipole fed with twinlead window wire 450 ohm, tied the two wires together at the radio. Its only up about 20 feet but works better than feeding as a dipole. Noise is nice and low, signals strong.

73/72 - Mike WA8BXN

MSN 8 with e-mail virus protection service: 2 months FREE★
<http://join.msn.com/?page=features/virus>

Date: Fri, 6 Dec 2002 21:25:53 -0800 (PST)
From: Steve Holloway <wsholloway1@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [141628] FS: Norcal Nor'easter Shortwave Receiver Kit
Message-ID: <20021207052553.35399.qmail@web12802.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have an unbuilt kit. The cpu has been reprogrammed to show the correct frequency. \$50 includes shipping to any US address. Please respond off list.

Thanks,
Steve KE4JZG

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Fri, 06 Dec 2002 22:24:45 -0800
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: w2bvh@comcast.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141629] Re: Introductory Electronic Devices and Circuits
Message-ID: <5.1.1.6.0.20021206221353.00b2dc88@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:50 PM 12/6/2002 -0500, Lenny Wintfeld wrote:
>...snip...

><http://cwx.prenhall.com/bookbind/pubbooks/paynter2/>
>
>I would have bought it right on the spot, except for its \$110 price tag.
>Maybe I'll drop a hint to the xyl a few weeks before my b'day.
>
>
>73,
>
>Lenny W2BVH

Lenny et.al.,

I have a copy of the second edition of that book "Introductory Electronic Devices and Circuits" by Robert T. Paynter. But I got mine at the Half Price Book store in Flagstaff on the way to WY for SS. My cost? \$14.98 plus change for the governor. It is a good book. If you can find a good SPICE book at the same time (Paynter in this book doesn't do SPICE modeling of the circuits) you can kill two birds with one stone.

I am an regular visitor to any used book store in any town that I am traveling through. There are multiple reasons, but the most important is that you can find some real bargains if you know what to look for. One of the problems that happens is when the estate sale comes along it isn't all that uncommon for all of our books to go to the used book store in one lump sum. The estate doesn't get the true value of the books. The bookstore will turn a profit on the books and they have a reference book to see what the current value is for the used book. Some times the book even used is still expensive, but if you are lucky you can find some of the rarer bargains. It just takes patience and time on your part and you have to know the values of the books.

My copy of Paynter is also an "annotated Instructor's Edition", which is even a greater prize.

FYI,

P.S. And another reason for regularly going to used book store is that their

turn over rate on books is usually pretty good and you have to be there when a particular book hits the shelf or I or some one else just might beat you to it. :-)

See you in the technical section.....

Chuck Adams, K7Q0

<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

Date: Fri, 06 Dec 2002 22:38:46 -0800

From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>

To: qrp-1@lehigh.edu

Subject: [141630] WTB: Solid #22 AWG Teflon Coated Wire in Solid Color

Message-ID: <5.1.1.6.0.20021206223025.00b2dd90@pop.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I've got this Manhattan Project I'm about to start that I want to use #22 Solid wire with Teflon coating and solid color --- not striped.

In looking at the Mouser catalog in the wire section they have

UL 1213 TFE Teflon Insulation #22 wire at \$27.92 per 100' roll. (page 332 of #611)

It comes in 10 different solid colors for the Teflon. This means an almost \$300 investment in the wire. It's not that I mind spending that much money, but if I can save a buck or two I'll go for another source..... Any help appreciated. This group usually knows of a secret source or two. :-) I want the Teflon because of it's high melting point and I want solid wire because it holds its shape in routing.

I have some #26 with striped colors but only three different colors on white and I don't want to use the smaller wire. It will work but I want something nicer for this project which is going to eat up a lot of time..... Film at 11 when it is done.

Thanks,

Chuck Adams, K7Q0

<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

Date: Sat, 07 Dec 2002 03:36:06 -0500

From: Ed Tanton <n4xy@earthlink.net>

To: k7qo@earthlink.net,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [141631] Re: Introductory Electronic Devices and Circuits

Message-ID: <5.2.0.9.2.20021207032629.0204e078@pop.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Amazon has the book... one copy of the expensive 'regular' stock version, but plenty of used and new 'surplus' bookstore/etc. versions... ranging from ~ \$47 for a pretty used but OK annotated Teacher's version to the ~\$65 incl. S/H I just paid for a brand new copy from one of the educational bookstores that keep their inventory (and obviously have some kind of deal going) with Amazon. Regular shipping time was to be 4 - 14 days... maybe it'll be here by Christmas.

There is also a Lab Manual... but I figured I could wait 'til after Christmas to think about getting one-or not.

I've had pretty good luck with getting this sort of thing from them. It's certainly not as cheap as Chuck managed, but it is new, and sure sounds like the kind of book I need to fill in all those holes.

See... I've got the electrons down OK... it's the holes I have trouble with [G].

>>///snip...

>

>

>><http://cw.prenhall.com/bookbind/pubbooks/paynter2/>

>>

>>I would have bought it right on the spot, except for its \$110 price tag.

>>Maybe I'll drop a hint to the xyl a few weeks before my b'day.

>>

>>

>>73,

>>
>>Lenny W2BVH
>
>
>Lenny et.al.,
>
>I have a copy of the second edition of that book "Introductory Electronic
>Devices and Circuits"
>by Robert T. Paynter. But I got mine at the Half Price Book store in
>Flagstaff on the way to WY
>for SS. My cost? \$14.98 plus change for the governor. It is a good
>book. If you can find
>a good SPICE book at the same time (Paynter in this book doesn't do SPICE
>modeling
>of the circuits) you can kill two birds with one stone.
>
>I am an regular visitor to any used book store in any town that I am
>traveling through.
>There are multiple reasons, but the most important is that you can find
>some real
>bargains if you know what to look for.

///snip

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sat, 7 Dec 2002 11:47:03 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <w2eb@twcnny.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [141632] Re: PCB Drilling Question
Message-ID: <DAV17XcqRP8aSfGpd1L0000ea97@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "W2EB" <w2eb@twcnny.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, December 06, 2002 10:21 PM
Subject: PCB Drilling Question

> Gang,
>
> My trusty old set of flat drill bits is truly starting to show it's
> age. I used this set to "grind" away copper from the holes on the
> ground plane of the top side of a double-sided PCB.
> I've searched high and low for a similar set, or even individual
> bits, but had no luck.

Try posting to the rec.crafts.metalworking NG if no-one here has the answer.

BTW, I just use a ordinary drill for this, held in my fingers. Not as neat
as it gives a countersink, but it works OK.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Sat, 07 Dec 2002 07:16:54 -0500
From: John Payne <paynej1@strato.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141633] Re: Heathkit Twoer lunchbox
Message-ID: <64X86GBIHB6ZXA62U93RL1YXR8RQ07.3df1e6b6@john>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yes, way back in the early seventies when I was WN4UWJ I used to check in on
the Homestead Emergency Radio Net (affectionately known as good old HERNia) on
145.5 AM MCW with a Twoer. I Keyed a CPO into the mic (legal for novices in
those days) and net control copied and relayed as needed. We all got a kick

out of that one! Then I got my Tech, and graduated to the giddy heights of FM on a converted Motorola 41V mobile rig, converted for me by a local blind Ham, Bill Coppage. Boy, we've come a long way, baby!!! Rest of the station was an HW-16 into a random wire using a homebrew Pi-Network tuner. Best DX was New Zealand worked cross-mode (him on SSB and me on CW).

73 de John N4FLJ

"The real proof that there is intelligent life in outer space is that they haven't come here."

12/6/02 7:56:41 PM, Alan <aadelma@yahoo.com> wrote:

>I was looking at a recent CQ mag and noticed a picture
>of Joe Walsh (guitarist from The Eagles and also a
>ham) on the cover with his vintage gear. In the
>background was a Heath Twoer. I suppose it was their
>answer to the Gonset communicator with a few watts of
>AM on 2m with a super-regen receiver. I always got a
>kick out of the styling, but never operated one.
>Anybody out there ever had one? I just love hearing
>about bizarre qrp/portable rigs, both new and old!

>

>Alan - wb2erj

>

>-----

>Do you Yahoo!?

>Yahoo! Mail Plus - Powerful. Affordable. Sign up now.

><http://mailplus.yahoo.com>

>

>

"The real proof that there is intelligent life in outer space is that they haven't come here."

Date: Sat, 7 Dec 2002 07:28:57 -0600

From: "Charles" <cvest@hit.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [141634] Re: Heathkit Twoer lunchbox

Message-ID: <000d01c29df4\$995bb360\$ad10ecd8@hppav>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have fond memories of my Heath Twoer. Tuned it up with a #47 bulb as I recall. We had a large group of locals that met every night on 145.1. I was a Novice then WN0NTU in 1965. (BTW) I still have my twoer and sixer. Some big guns had SCR 522's and later the Clegg 22'er and the Ameco TX 62. The feedline was 300 ohm twin lead to a homemade folded dipole driven element on a 7 element beam. Eventually everyone locally moved to the repeater when we put it up. I changed to SSB on 2 meters and have been there every since. ...73...Charlie...KC0EH...

Date: Sat, 7 Dec 2002 06:48:18 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Ed Tanton <n4xy@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141635] Re: OT/Stubborn file to remove
Message-ID: <Pine.LNX.4.44.0212070642370.1270-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ed, sounds like it's time you try Linux. When I have a file like that which must go, I just type `rm -09*7*` and it goes away. If I get an error message I reboot as root and do it again.

You have to be careful when root. Once years ago I got mad at Linux and in the base directory typed `rm -r *` and it deleted Linux!

On Fri, 6 Dec 2002, Ed Tanton wrote:

> Hi folks... I just got through going through a lengthy effort to delete a
> recently downloaded file. Wasn't a ZIP, or an EXE but a corrupt Targa

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sat, 07 Dec 2002 09:35:38 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: w2bvh@comcast.net
Cc: qrp-l@lehigh.edu

Subject: [141636] Re: Introductory Electronic Devices and Circuits
Message-ID: <5.1.0.14.1.20021207093237.00a743e0@pop.prodigy.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:50 PM 12/6/02 -0500, you wrote:

>I just stumbled across "Electronic Devices and Circuits" by Robert Paynter
>(Prentice-Hall) while doing my imitation of Brownian motion at
>my local Barnes and Noble. What a great book. Has the all dirty details
>on most fundamental semiconductor circuits. Includes the "how" the "why"
>and the "when" and "what to do if it's not working right". It's obviously
>a textbook for Electronics 101 and 102. Wish I had it when I took those
>courses. You can check it out in a little more detail at
><http://cw.prenhall.com/bookbind/pubbooks/paynter2/>
>
>I would have bought it right on the spot, except for its \$110 price tag.
>Maybe I'll drop a hint to the xyl a few weeks before my b'day.

The 6th edition of this book is coming out before the end of the year,
and is listed at \$100 currently, and available for \$90 from Prentice-
Hall directly it would appear. Might be wise to wait a few weeks.

72,

Jim, K8IQY

PS...book appears to come bundled with the Student Version of
Electronics Workbench, my favorite modelling tool.

>73,
>
>Lenny W2BVH
>
>
>
>
>
>---
>Incoming mail is certified Virus Free.
>Checked by AVG anti-virus system (<http://www.grisoft.com>).
>Version: 6.0.419 / Virus Database: 235 - Release Date: 11/13/02

Date: Sat, 7 Dec 2002 09:39:25 -0500 (EST)

From: <n2go@arrl.net>
To: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [141637] Re: WTB: Solid #22 AWG Teflon Coated Wire in Solid Color
Message-ID: <Pine.LNX.4.33.0212070935560.13252-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello,

I do have a lot of wire. I don't "think" that I have enough solid tfe. On the other hand, routing shouldn't be a problem. I find that using a pair of 2-3 inch needle nose pliers to make the corner bends works fine. The stranded wire holds the bends fine. Check out the lower pictures in this link... I would guess that Jim used this technique to route the wires. I will follow later today with a Tfe wire "sale" for xmas :)

<http://www.qsl.net/k8iqy/2n2pix2.html>

73,

Jim n2go

Date: Sat, 07 Dec 2002 09:49:32 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [141638] Re: Introductory Electronic Devices and Circuits
Message-ID: <5.1.1.6.1.20021207093943.00b17ce8@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

A useful place I've found is <http://half.ebay.com/> (formerly half.com) - it's sort of the "flea market" section of eBay for media (books, music, videos, etc.) Sellers list items for sale and a desired price. Buyers search for a given title and are presented the sellers that are offering them, the price, and the condition. Prices range from "You've got to be kidding!" for collectibles to "this must be for just the dust jacket" for stuff tha people want to move.

A search for "Introductory Electronic Devices and Circuits" turns up 16 variations ranging from \$5.87 (hardcover, 1990, "very good" condition) to \$17.00 (hardcover, 1996, "very good" condition, conventional current flow

version).

Most of the sellers are the same types you'll meet on eBay: individuals, small-time dealers, etc. But the same rating system is used, so you've got some clues on reliability.

Dave

At 03:36 AM 12/7/2002 -0500, you wrote:

>Amazon has the book... one copy of the expensive 'regular' stock version,
>but plenty of used and new 'surplus' bookstore/etc. versions... ranging
>from ~ \$47 for a pretty used but OK annotated Teacher's version to the
>~\$65 incl. S/H I just paid for a brand new copy from one of the
>educational bookstores that keep their inventory (and obviously have some
>kind of deal going) with Amazon. Regular shipping time was to be 4 - 14
>days... maybe it'll be here by Christmas.

>

>There is also a Lab Manual... but I figured I could wait 'til after
>Christmas to think about getting one-or not.

>

>I've had pretty good luck with getting this sort of thing from them. It's
>certainly not as cheap as Chuck managed, but it is new, and sure sounds
>like the kind of book I need to fill in all those holes.

>

>See... I've got the electrons down OK... it's the holes I have trouble
>with [G].

>

>>>///snip...

>>

>>

>>><http://cwx.prenhall.com/bookbind/pubbooks/paynter2/>

>>>

>>>I would have bought it right on the spot, except for its \$110 price tag.

>>>Maybe I'll drop a hint to the xyl a few weeks before my b'day.

>>>

>>>

>>>73,

>>>

>>>Lenny W2BVH

>>

>>

>>Lenny et.al.,

>>

>>I have a copy of the second edition of that book "Introductory Electronic
>>Devices and Circuits"

>>by Robert T. Paynter. But I got mine at the Half Price Book store in

>>Flagstaff on the way to WY

>>for SS. My cost? \$14.98 plus change for the governor. It is a good
>>book. If you can find
>>a good SPICE book at the same time (Paynter in this book doesn't do SPICE
>>modeling
>>of the circuits) you can kill two birds with one stone.
>>
>>I am an regular visitor to any used book store in any town that I am
>>traveling through.
>>There are multiple reasons, but the most important is that you can find
>>some real
>>bargains if you know what to look for.
>
>///snip
>
>
>73 Ed Tanton N4XY <n4xy@earthlink.net>
>
>Ed Tanton N4XY
>189 Pioneer Trail
>Marietta, GA 30068-3466
>
>website: <http://www.n4xy.com>
>
>All emails <IN> & <OUT> checked by
>Norton AntiVirus with AutoProtect
>
>LM: ARRL QCWA AMSAT & INDEXA;
>SEDXC NCDXA GACW QRP-ARCI
>OK-QRP QRP-L #758 K2 (FT) #00057
>

"An optimist says the glass is half full. A pessimist says the glass is
half empty. An engineer says you could have used a smaller glass."

Dave Hinerman
WD8CIV@att.net

Date: Sat, 07 Dec 2002 07:57:19 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <schoon@amgt.com>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [141639] Re: 300 vs 450 Ohm Ladderline for Doublet
Message-ID: <BA175A5E.21A4A%jamesd1@flash.net>
Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The 450 Ohm feedline loss numbers in the Handbook and Antenna Book are low by about a third. N7WS did a very nice set of measurements on several 450 Ohm feedlines which he reported on in Antenna Compendium 6.

I find the 300 Ohm TV twinlead harder to work with than the 450 Ohm ladder line. The small conductors on the 300 Ohm line can be difficult to strip without breaking a strand or two, and there aren't that many strands. The insulation is stiffer than on the 450 Ohm ladder line and can make handling more difficult. A much better option is the 300 Ohm ladder line which Chuck suggested. Loss figures for it are not in the handbook, even though this feedline has been out for a number of years.

In practice, both the 300 and 450 Ohm feeders are about equal. When dust or moisture collects on the feedline, loss will go up. If the feedline is routed close to conductive objects, the loss will go up. Anything that unbalances the line will cause feeder radiation which is power not radiated from the antenna. I believe that few amateur installations of this type of line have line losses approaching what is in the tables. This includes my own 44 ft dipole fed in the center with 450 Ohm ladder line. - Dr. Megacycle
KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sat, 7 Dec 2002 08:10:27 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141640] Re: OT/Stubborn file to remove
Message-ID: <00d201c29e02\$c6c92770\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ah, yes--the solution for all your computing woes!

- Microsoft Word can't fix all your spelling errors? Try Linux!
- AOL loses your email? Try Linux!
- Can't delete a file? Try Linux?
- Too stupid to delete email attachments instead of opening them? Try Linux!

- Checkbook won't balance? Try Linux!
- Spending too much money on Viagra? Try Linux!

Geez, I don't have anything against Linux, but to suggest that a problem deleting a file in Windows is a good reason to run Linux instead?

Okay, here was my solution:

- 1) try to delete the file
- 2) if not successful, reboot the computer and try again

Here's Karl's solution:

- 1) install Linux
- 2) try to delete the file
- 3) if not successful, reboot the computer and try again

Which one's easier?

73 de Dave NK0E

Karl K5DI wrote:

>Hi Ed, sounds like it's time you try Linux. When I have a file like that
>which must go, I just type rm -09*7* and it goes away. If I get an error
>message I reboot as root and do it again.

Date: Sat, 07 Dec 2002 10:35:53 -0500
From: Dave Richards <wr3i@earthlink.net>
To: ekdave@earthlink.net,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141641] Re: OT/Stubborn file to remove
Message-ID: <oprg1j93vokb5jrn@localhost>
MIME-Version: 1.0
Content-Type: text/plain; charset=utf-8; format=flowed

Thank You Dave,
You have saved me composing a suitable response to this non actionable
drive1
Dave
W1QB

> Ah, yes--the solution for all your computing woes!

>
> - Microsoft Word can't fix all your spelling errors? Try Linux!
> - AOL loses your email? Try Linux!
> - Can't delete a file? Try Linux?
> - Too stupid to delete email attachments instead of opening them? Try
> Linux!
> - Checkbook won't balance? Try Linux!
> - Spending too much money on Viagra? Try Linux!
>
> Geez, I don't have anything against Linux, but to suggest that a problem
> deleting a file in Windows is a good reason to run Linux instead?
>
> Okay, here was my solution:
>
> 1) try to delete the file
> 2) if not successful, reboot the computer and try again
>
> Here's Karl's solution:
>
> 1) install Linux
> 2) try to delete the file
> 3) if not successful, reboot the computer and try again
>
> Which one's easier?
>
> 73 de Dave NK0E
>
> -----
> Karl K5DI wrote:
>
>> Hi Ed, sounds like it's time you try Linux. When I have a file like that
>> which must go, I just type rm -09*7* and it goes away. If I get an error
>> message I reboot as root and do it again.
>
>
>

--

Dave Richards

Date: Sat, 07 Dec 2002 10:34:55 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141642] Re: OT/Stubborn file to remove

Message-ID: <3DF1CECF.23162.AAEE463@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 7 Dec 2002 at 8:10, Dave Ek wrote:

> Ah, yes--the solution for all your computing woes!
>
> - Microsoft Word can't fix all your spelling errors? Try Linux!
> - AOL loses your email? Try Linux!
> - Can't delete a file? Try Linux?
> - Too stupid to delete email attachments instead of opening them? Try Linux!
> - Checkbook won't balance? Try Linux!
> - Spending too much money on Viagra? Try Linux!

You forgot to mention that Linux cures deafness caused by excessive ear wax, improves HF propagation, and makes your EH antenna radiate as well as a 130 foot dipole.

Unfortunately, still doesn't cure stupidity.

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 7 Dec 2002 09:49:14 -0600
From: "Jim NOUR" <n0ur@attbi.com>
To: "QRP-L" <qrp-l@lehigh.edu>, "MNQRP" <mnqrp-l@mailman.qth.net>
Subject: [141643] 160 Meter contest wateringhole
Message-ID: <002a01c29e08\$3187b720\$6a202942@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have been playing around in the 160 meter contest, yet to have a CQ answered yet.

I was thinking maybe it would be a good idea to have a frequency where us Qrprs could find each other. How does 1872 sound? I will try and CQ and

listen around there for us little guys tonight.

72s

Jim, NOUR

Date: Sat, 07 Dec 2002 10:59:57 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-1@lehigh.edu>, QRP Canada <qrp-canada@neale.gpfn.sk.ca>
Subject: [141644] ARRL 160 Test..
Message-ID: <3DF21AFD.8F03A9C9@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lots of fun last night so far on 160...very low noise level, only S3,
and fair band cdx.....
Operated using my FT817 at 5 watts, and Z11 tuner, into my 160 meter
dipole (center 40 feet, ends at 15 feet)...used my 7.5 ah gel cell....
operated from 2255-0831 z.....by 0600 the band started getting long,
but also dropping off.....worked TN to the south,NH to the east, and
CO to the west.....
was hearing STX, NFL,CT and others at 0800, but they were not hearing
me(plus lack of listening time on their ends does not help, they were
calling CQ again before I even started my call).....
so far the score looks like.....
51 q's X 2 x SPC=19 =====1938 pts.....
will see if I can get a few more multis tonight.....
looked at last years results, and the 3rd place QRP score for Ontario
was 1874 pts.....
so, lets see what happens.....
Good luck to all in the test.....
Fred
VE3FAL

You can do so much with so little.....

Date: Sat, 07 Dec 2002 09:57:03 -0600
From: Darrel Swenson <k0awb@tcon1.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [141645] Re: OT/Stubborn file to remove
Message-ID: <3DF21A4F.3B338A52@tcon1.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Would you guys mind moving this thread to a list on "Low Power Amateur Radio" or some place similar.
Those of us on the "We have broken our computer and want to brag about it" list are getting tired of arguments about "Operating Systems."

Darrel... KOAWB

W2AGN wrote:

```
>
> On 7 Dec 2002 at 8:10, Dave Ek wrote:
>
> > Ah, yes--the solution for all your computing woes!
> >
> > - Microsoft Word can't fix all your spelling errors? Try Linux!
> > - AOL loses your email? Try Linux!
> > - Can't delete a file? Try Linux?
> > - Too stupid to delete email attachments instead of opening them? Try
> Linux!
> > - Checkbook won't balance? Try Linux!
> > - Spending too much money on Viagra? Try Linux!
>
> You forgot to mention that Linux cures deafness caused by excessive ear
> wax, improves HF propagation, and makes your EH antenna radiate as well
> as a 130 foot dipole.
>
> Unfortunately, still doesn't cure stupidity.
>
> ---
> +---+---+---+---+ John L. Sielke
> |W||2||A||G||N|      http://www.w2agn.net [UPDATED]
> +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS
```

Date: Sat, 7 Dec 2002 09:10:25 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141646] Re: PIC Wx Station Part 2 from QQ Now on the web
Message-ID: <00f301c29e0b\$273838a0\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The troublesome links on the page listed below have been fixed. Thanks for

your patience.

73 de Dave NK0E

----- Original Message -----

From: "Dave Ek" <ekdave@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, December 06, 2002 7:04 AM

Subject: PIC Wx Station Part 2 from QQ Now on the web

> Gang,

>

> For the few of you following along with my series of articles on building
> the PIC-based Weather station that's been appearing in N2APB's Digital QRP
> Homebrewing column in QQ, the second installment has now been posted on
the

> web. It's at

>

> <http://www.njqrp.org/digitalhomebrewing/pic-wx/pic-wx-2.html>

>

> 73 de Dave NK0E

>

>

Date: Sat, 7 Dec 2002 11:33:45 -0500

From: "Bob and Janet" <jbcraft@adelphia.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [141647] Re: OT/Stubborn file to remove

Message-ID: <000701c29e0e\$6a395c30\$51d73218@home.msft>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

ACTUALLY, I find that duct tape works for MANY of these problems.

Try it! go to Big Lots and buy the multi-tape pack. Be sure to get the
fabric type, it has better lateral strength.

00

Bob K8YS

>

> W2AGN wrote:

> >
> > On 7 Dec 2002 at 8:10, Dave Ek wrote:
> >
> > > Ah, yes--the solution for all your computing woes!
> > >
> > > - Microsoft Word can't fix all your spelling errors? Try Linux!
> > > - AOL loses your email? Try Linux!
> > > - Can't delete a file? Try Linux?
> > > - Too stupid to delete email attachments instead of opening them? Try
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> >
> > You forgot to mention that Linux cures deafness caused by excessive ear
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> >
> > Unfortunately, still doesn't cure stupidity.
> >
> > ---
> > +---+---+---+---+ John L. Sielke
> > |W||2||A||G||N| http://www.w2agn.net [UPDATED]
> > +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 07 Dec 2002 11:37:32 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [141648] More Rock-Mite-20 /mobile fun
Message-ID: <BAY1-F1383DdPyYdZ1l0000b0d5@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

This morning, after carrying a few flakes of hay out to the ice-covered field for Zeran, our 18-yr-old Arabian gelding, I kicked a tire and lit the fire in my '93 pickup which now has carried me well over 200k mi. The pre-dawn temp around here was right at 0 F. Thought it might be a good opportunity to see how well the 20m Rockster and its dedicated deep-cycle marine battery plus the Hustler whip would perform after suffering such cold last night. Oh, yeah...the Bencher paddles and Radio Shack 'amplified speaker' too. Stayed parked in the driveway.

First, worked Sandy, NS1W, in Cambridge, MA. Sandy was running a homebrew single-tube 6146 power oscillator which was doubling a 40m rock and which

was putting out ten watts to a dipole. Sandy said of the Rock-Mite to the Hustler "Outstanding sig fer 250 mW".

Next, worked Andy, N1KSN, in Menasha, WI. He was running the FT-817 to his 'Two-Hamstick-Dipole'. He said to me "I can't believe you have the gall to use a Rock-Mite wid a Hustler, HI HI".
Andy uses only one Hamstick for his bicycle mobile operations and commented that the Rock-Mite might make a great 'Bike rig'.

QRPers are such a curious breed. :)

73.

Bill, N4QA

Tired of spam? Get advanced junk mail protection with MSN 8.
<http://join.msn.com/?page=features/junkmail>

Date: Sat, 07 Dec 2002 11:35:12 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141649] Re: OT/Stubborn file to remove
Message-ID: <3DF1DCF0.20329.AE61985@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 7 Dec 2002 at 9:57, Darrel Swenson wrote:

> Would you guys mind moving this thread to a list on "Low Power
> Amateur Radio" or some place similar.
> Those of us on the "We have broken our computer and want to brag
> about it" list are getting tired of arguments about "Operating
> Systems."
>
> Darrel... KOAWB

Oh yes, Linux also does not give one a sense of humor.

+-----+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 7 Dec 2002 10:40:53 -0600
From: "Gene Sailsbury" <gsailsbury@mobil1.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [141650] Help with a call sign
Message-ID: <005b01c29e0f\$690c3160\$80c03fd8@8tracker>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I worked Bill in Little Rock, Arkansas on 7.040 this morning but copied his call sign down wrong. Not very good with copying CW but sure am working on it. I got NU5CGM which of course is wrong. I want to send him a card because he took time to work with me even with my bad fist. He slowed down to where I could copy him.

It is really great to meet such a nice ham that will work with us guys that are in training. Please send note to
gsailsbury@mobil1.net

Thanks

72

Gene NOMQ

PS: Worked him with my K1 @ 5 watts

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.423 / Virus Database: 238 - Release Date: 11/25/2002

Date: Sat, 7 Dec 2002 09:43:53 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [141651] FS Fluke 87
Message-ID: <001c01c29e0f\$d48db530\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

\$150 Shipped CONUS

Works FB, sorry no printed manual but I do have a PDF version of the manual.

Picture at: <http://www.frii.com/~rwc/fs/fluke87.jpg>

Happy Holidays
73, Rod N0RC

Date: Fri, 06 Dec 2002 15:32:27 +0000
From: Brian Short <bshort4@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141652] RE:Reading Your Handbook
Message-ID: <20021207171513.YWPU2200.fed1mtao04.cox.net@k7on-2000>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Far be it from me to prescribe for others when I, as yet,
have not been sainted.

I appreciate the importance of having a familiarity with the literature and I agree that the ARRL Handbook is a very good reference. I owned a license manual and a handbook before any radios as a kid, myself. I own more books and a short list of a few of them (those I've read/used) can be found at: <http://www.k7on.com/references/books.htm>

However, I was a little put off by the hard stance that one should look it up instead of asking about any subject.

First, I have been told there are no dumb questions, just dumb answers.

Second, an answer to most any TECHNICAL question can be found in a book of some type in a large enough engineering library, IEEE Monographs, etc.

Third, questions often are not always just looking for hard technical or engineering data (such as loss per hundred feet). Few questions can be distilled down to a single number one just accesses in a table of data.

One must consider the application (presumably QRP) and practical considerations surrounding that application - cost, weight, size, availability, etc.

Furthermore, if others have made the same decisions and have actual experiences to share, that is valuable.

Amateur Radio in particular has a long tradition of "Elmering."
If "look it up" is the right approach, why did/do we need Elmers?

Just my \$0.02 USD

Brian

At 06:32 PM 12/6/2002 -0600, Karl Kanalz wrote:

>And to think I got chastised for advising newbies to FIRST read their ARRL
>(or similar) handbook when they asked questions on this reflector that
>could have been answered in the FIRST place by merely opening their
>handy-dandy Handbook!

>

>No, I'm not a curmudgeon, but I firmly believe that at least some effort
>should be expended before taking the "easy way out" and putting the
>question to a large reflector such as this. If, after reading/researching
>in the reference materials available, and something still isn't clear, THEN
>ask your question!

>

>Karl K - W8TIF
>McKinney, Texas

>

>-----Original Message-----

>From: Paul Valko [SMTP:w8kc@comcast.net]
>Sent: Friday, December 06, 2002 1:02 PM
>To: Low Power Amateur Radio Discussion
>Subject: Buy and... Re: READ your handbook!

>

>Take Chuck and Glen's advice to heart.

>

>I tell every new ham that the THIRD purchase they make (since they
>already bought the dual-band HT and speaker microphone) should be a
>copy of the recent ARRL Handbook.

>

>#1 item on my list of must-have ham accessories.

>

>73! =paul= W8KC
>Collector of TenTecs and other fine plastics
>Visit the Virtual Ten★Tec museum at:

><http://mywebpages.comcast.net/w8kc>

>

>

>

>----- Original Message -----

>From: Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>

>Date: Friday, December 6, 2002 12:40 pm

>Subject: READ your handbook!

>

>> Folks,

>> It bears repeating that the ARRL HANDBOOK is a superb
>> resource for learning about all aspects of ham radio. Its at my
>> bedside table - its non-fiction, and you can read a chapter like a
>> novel. Everyone
>> can learn something new. I've been reading it for 30 years and can
>> attest that there's still stuff to learn. Its chock full of useful
>> tablestoo,
>> that requires SOME familiarity to know they're there.

>>

>> ----- Original Message -----

>> From: "Chuck Adams, K7QO" <k7qo@earthlink.net>

>> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>> Sent: Friday, December 06, 2002 11:45 AM

>> Subject: 300 ohm and 450 ohm window/ladder line

>> >

>> > Gang,

>> [...]

>> > Look in the ARRL Handbook (here 2002 edition) on page 19.6.

>> > There is a graph of matched line attenuation in decibels per 100 ft
>> > for different types of coax and open wire "window" line. If you
>> > do not have a copy of a late edition of the ARRL Handbook and you
>> > are not using it, then you will forever be in the group asking
>> the same

>> > questions over and over again. IMHO. And having a copy is not
>> enough.> Reading is fun and besides there are some interesting
>> projects in the

>> > book. \$32.95 at Fry's Electronics at a \$2 discount.

>> [...]

--

See my web page: <http://www.k7on.com/>

Date: Sat, 07 Dec 2002 12:22:55 -0500

From: W2AGN <w2agn@w2agn.net>

To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [141653] W6TOY?
Message-ID: <3DF1E81F.10130.B11CA2E@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

OK, let me actually get serious fopr a minute. I sent a private email to Bruce, W6TOY. It bounced back, indicating his erols.com mailbox was full.

Makes me seriously wonder. Anyone on the list close to Silver Spring, MD that would not mind checking, phone or whatever?

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 07 Dec 2002 12:31:16 -0500
From: VE3JC John Cumming <jbcumming@wwdc.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141654] A Spectrum Analyzer Odyssey
Message-ID: <3DF23064.9050101@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

This is the tale of a very ordinary builder confronting an extra-ordinary project (I warn you, this could get ugly!)

For the past six months, a large portion of my free time (and my soul!) has been consumed with building the W7ZOI/K7TAU Spectrum Analyzer and Tracking Generator. This building project is unlike any other I have taken on: it is highly addictive, it gets under your skin, and it just won't leave you alone!

W7ZOI and K7TAU first presented the Spectrum Analyzer / Tracking Generator in a series of QST articles in 1998/99. An excellent "board & parts" kit has been available from Kanga US for several years. Also available are at least a half dozen builder web sites, demonstrating various building approaches used in tackling this project. Tops among these sites is that of Mike Boatright K04WX, whose prize winning spectrum analyzer was on display at FDIIM'02. But even with the Kanga kit, QST articles, and web builder resources, this is no "solder in the parts and fire it up" project. You have to put both sides of the brain

to work on this: creativity and technical digging are essential.

I have shamelessly stolen ideas from all of these builder sites and their photos and notes speak for themselves. N2CX's test topic articles were also a source of inspiration. I would like to share several (quasi-original) approaches I used, in the hope that this might be relevant in your own building projects.

The challenge I set for myself was to use homebrew methods wherever possible, and to keep the cost to a minimum while achieving respectable performance from the completed Spectrum Analyzer/Tracking Generator. I had no desire to fork out large amounts of cash on die-cast rf-tight enclosures, bulkhead connectors, and feed-through capacitors. As you'll quickly discover if you choose to undertake this project, effective shielding is a paramount consideration.

Like K04WX, I elected to build a home brew enclosure from PCB material, with the main modules built above and below a centre PCB plate. I already owned a discrete attenuator, and I wanted to retain the necessary +/- 15 V power supply as a discrete piece of bench equipment.

Therefore, a total of 10 compartments were required in my Spectrum Analyzer enclosure (5 boards in the Kanga SA kit, plus the Tracking Generator, 70 MHz LPF, 110 MHz band pass filter, Calibrator, and 2 dB/div amplifier). Ultimately, I added an eleventh compartment, running along the front of the enclosure's lower half. This facilitated the mounting of switches, and routing of cables, external from the other fully-shielded compartments. The entire enclosure, including compartment walls, lids, shielding, (and "Manhattan" feed-through capacitors, to be discussed shortly) was constructed from five sheets of double-sided printed circuit board material, purchased for a total cost of \$10 at Dayton.

I'll have to rely on photos to give you some sense of the methodology used in planning and constructing the Spectrum Analyzer. See <http://users.imag.net/~lon.jbcumming/SATG.htm> - Essentially, the enclosure was built "from the outside in", with the top and bottom halves being affixed to the centre plate at the end of the day, after everything else (lid shielding, coax interconnections, etc) was complete. This meant that I had to spend a lot of time planning up front- I couldn't lay it out "on the fly", as would be possible if discrete aluminum enclosures were used.

Having committed to a home brew PCB enclosure, the next consideration was the choice of coax, connectors, and inter-compartment bulkheads. I had picked up a 25' roll of RG-141 teflon-dielectric coax at Dayton, and discovered its diameter was just a tad smaller than the inner diameter of 1/4" copper pipe purchased at my local building store. Since this coax can take a LOT of heat, I was able come up with an effective (and

cheap!) construction approach to inter-compartment signal routing. Essentially the coax cable is inserted into a short length of copper pipe, which is then inserted into a 1/4" hole drilled in the PCB wall, with the wall<>pipe and pipe<>coax shield junctions then soldered on both sides of the wall.

My biggest regret has been with the method I chose to use to terminate the coax onto the circuit boards: I thought I'd come up with a slick method for doing this (which you'll see in the photos on the link mentioned above). The problem is that it is difficult to simultaneously desolder the two rigid connections to the board, without doing damage to the plated-through double sided circuit boards. What I have therefore done is to "bend back" the shield stub from the coax, and solder it to a stub pre-soldered onto the ground hole on the circuit board. This permits separate desoldering of the centre-conductor and shield connections from the coax to the board. Although my intent was to eliminate the potential intermittent problems which might develop from using header connections, hindsight tells me a "quick disconnect" method is required at particular cable <> board junctions for calibration and troubleshooting.

Contrasted with that regret is satisfaction with my minimal-cost "manhattan-style" feedthrough capacitors. Junk box ferrite beads, pcb scraps, and capacitors have been used to create what I believe is an effective way "to get DC into the box" while maintaining required shielding. Construction details are shown in the link mentioned above.

Comments or suggestions on side-by-side testing with commercial feedthrough capacitors would be welcomed.

Ongoing testing and refinement of the SA/TG is very much an open ended adventure. At this point I am struggling with optimizing the 110 MHz and Resolution bandwidth filters. While the authors provide many ideas for calibrating-as-you-go using the partially complete analyzer and other simple test equipment, it sure would be nice to have a fully-equipped electronics lab at my disposal!

Why did I build this? Sure, I expect to end up with an extremely useful piece of test equipment which has cost only a fraction of functionally similar commercial units. (My total invested cost to date is less than \$320 US). But like so many QRP homebrew projects, the reason for building doesn't come down to logical justification (eg. who really "needs" three different 40 Meter monoband rigs?), but to the "magic" of the project itself. More than any other project, this one has allowed me to understand the NEQRP club slogan, "the excitement is building".

I won't give any "no affiliation and unbiased" disclaimers regarding my enthusiasm for this design and kit. Enjoyment of W7ZOI's writings (and several wilderness QSO's) plus the warm hospitality of N8ET during

several bike-expedition stopovers have permanently destroyed my objectivity.

One recommendation: If you think you might be interested in attacking this project, do your homework well before Dayton! Start thinking and planning, and putting together a shopping list.

72, John VE3JC

		VE3JC John Cumming
Q		London, ON CANADA
/\		jbcumming@wwdc.com
@` /<-----		hf qrp cw bicycle mobile
(*) \(*)		http://www.geocities.com/ve3jc/

Date: Sat, 07 Dec 2002 12:24:32 -0500
From: Larry - WA2DGD <wa2dgd@comcast.net>
To: Low Power Amateur Radio Discussion <QRP-L@lehigh.edu>, jbcraft@adelphia.net
Subject: [141655] Re: OT/Stubborn file to remove
Message-ID: <001101c29e15\$81dcd3b0\$6701a8c0@hamroom>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

ACTUALLY.. latest research shows that duct tape is also good for removing warts..

73

Larry

WA2DGD

K2 #1672

ARCI QRP #11215

NJ-QRP# 395

----- Original Message -----

From: "Bob and Janet" <jbcraft@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 07, 2002 11:33 AM
Subject: Re: OT/Stubborn file to remove

> ACTUALLY, I find that duct tape works for MANY of these problems.

>

```

> Try it! go to Big Lots and buy the multi-tape pack. Be sure to get the
> fabric type, it has better lateral strength.
>
> 00
> Bob K8YS
>
> >
> > W2AGN wrote:
> > >
> > > On 7 Dec 2002 at 8:10, Dave Ek wrote:
> > >
> > > > Ah, yes--the solution for all your computing woes!
> > > >
> > > > - Microsoft Word can't fix all your spelling errors? Try Linux!
> > > > - AOL loses your email? Try Linux!
> > > > - Can't delete a file? Try Linux?
> > > > - Too stupid to delete email attachments instead of opening them?
Try
> > > Linux!
> > > > - Checkbook won't balance? Try Linux!
> > > > - Spending too much money on Viagra? Try Linux!
> > >
> > > You forgot to mention that Linux cures deafness caused by excessive
ear
> > > wax, improves HF propagation, and makes your EH antenna radiate as
well
> > > as a 130 foot dipole.
> > >
> > > Unfortunately, still doesn't cure stupidity.
> > >
> > > ---
> > > +---+---+---+---+ John L. Sielke
> > > |W||2||A||G||N| http://www.w2agn.net [UPDATED]
> > > +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS
>

```

```

Date: Sat, 7 Dec 2002 12:41:33 EST
From: Gsdavis7070@cs.com
To: qrp-l@lehigh.edu
Subject: [141656] Re:WTB Argosy filter
Message-ID: <73.2a2e71a4.2b238ccd@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

```

Would like to purchase a 500hz cw filter for my argosy 525. Internal of course.

I was looking at a 1982 Qst and found an ad for the 525 with all the accessories that you could possibly get for it. under filters I read: part # 217 500hz 8 pole cw filter cost 55.00. Below that was part # 219 500 hz 8 pole cw filter 55.00 Below that was part # 244 audio cw filter cost 34.00. Obviously the audio filter wouldnt be in the IF chain, so which one is the IF cw filter ? The# 217 or # 219? Could a Argosy expert email me and give me a heads up on these filters? And of course if whomever reads this ad and has a filter for sale--- by all means email me with price.

Thanks to all and to all a Merry Christmas. Gordy in omaha NW0Y

Date: Sat, 7 Dec 2002 11:52:22 -0600
From: "Gene Sailsbury" <gsailsbury@mobill1.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [141657] Call sign help
Message-ID: <007e01c29e19\$65a3cd80\$80c03fd8@8tracker>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Found him. Thanks to all who helped me.

72

Gene NOMQ

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.423 / Virus Database: 238 - Release Date: 11/25/2002

Date: Sat, 07 Dec 2002 12:07:16 -0600
From: Glen Reid <k5fx@arrl.net>
To: "QRP-l, List" <qrp-l@lehigh.edu>
Subject: [141658] Austin QRP Club Meeting
Message-ID: <3DF238D4.7CC401BF@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Austin QRP Club will meet next Saturday.

Details:

AQRP Meeting

Date: Saturday, December 14, 2002
Time: 11:00AM - 12:00PM CST (GMT-06:00)

At Furr's Cafeteria
2525 West Anderson Lane
in the Northcross Mall.

We will be meeting jointly with the Austin QCWA Chapter 67.

Bring your Show & Tell

gr
K5FX

--
GLEN (Just Call Me "Buck") REID
...in the beautiful hill country of TEXAS...
Email: k5fx@arrl.net

"The difference between genius and stupidity is that genius has its
limits"

Date: Sat, 07 Dec 2002 13:19:49 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [141659] ARRL 160M test
Message-ID: <3.0.6.32.20021207131949.007ad270@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Managed to work 25 stations in 15 states so far, good things the sections
are pretty tightly packed in this part of the world, hi. Now I'm just
looking for new states/sections, but running out of big guns to work.

Haven't heard anyone south of VA, did that ice storm I saw on the news wipe
everyone down there out?

Now I remeber why I don't like to use the Patcomm 9000 for CW, it has a
wicked AGC pumping problem when there are a lot of closely spaced strong

stations on. And there were a whole lot of them on last night! Gonna have to think about building a proper CW rig for 160 now...

Still running 30 watts, which is QRP compared to the rest of the guys on! Most stations seem to be hearing me okay, so maybe 5 watts would have worked, but don't want to get me or them too frustrated, hi.

Never thought I would ever get on 160 from this QTH, but this make shift inverted "L" seems to be doing alright :-)

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 07 Dec 2002 10:35:20 -0800
From: "Chuck Adams, K7QO" <k7qo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [141660] The ARRL Handbook and Questions and Answers
Message-ID: <5.1.1.6.0.20021207100417.00b2e5c8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Before the thread gets along too far and the rocks start flying let me clarify something.

I started this group almost ten years ago for the sole purpose of communicating information related to QRP. I am still hoping that is the goal of the group at large. In yesterdays posting related to 350 and 400 ohm line I mentioned the ARRL Handbook and a paragraph about having a copy. Then some one followed up with a posting that I take as a note that I might be hinting at not asking questions before doing research. That was not the point of my post.

I do not mind any QRP related questions being asked to the group at large. I, in fact, some times ask them myself. For instance I asked about the #22 solid wire and got some real nice replies. In fact --- one of them was a jewel and I think I have found a supply of wire that was significantly cheaper than Mouser. Sorry, you can't have it until I get mine. :-) It may

be a limited supply. I will let you know in the middle of the week.

My comment in my posting yesterday was related to the quality of answers one can get on the Internet. I have just finished reading a book by Philip Rubens titled "Science and Technical Writing". My cost \$7.50 at the used book store. (list \$40.00 on the jacket) Ham radio is a rather technical hobby and when writing you should treat it as a science except for operating, etc. But the electrical engineering and physics parts should be written as scientific material.

Phil in his book says that the basis of good scientific and technical writing is clarity, consistency, and conciseness. Writers must recognize the relationships among words, phrases, clauses, sentences, paragraphs, sections and chapters if writing a book or longer treatise on a topic. He also says that authors of technical documents and writings draw on the works that precede their own and, in turn, provide material for future readers. So you will see in my postings a reference to the ARRL Handbook or other material. "Properly citing sources satisfies legal requirements, strengthens an author's argument, maintains intellectual integrity, and provides valuable resource for the reader." That is always what I strive for in my writings.

And in the thread on the 300 and 450 ohm ladder/window line I would have liked to have seen a reference to research done on the topic instead of "I think this will work" or "I think this is better", since that is subjective and not prone to getting us any where in a discussion. In fact, many a lengthy posting has been due to lack of technical information or research. So as a group, can we agree to research items that are being discussed instead of adding to the noise level? The daily files are large and a lot of postings IMHO we could do without in that they just get deleted before being read by a large majority of the group. I get the email regularly from people wanting changes but that isn't going to happen. Education is expensive no matter how you get it as K7QO regularly says.

And I know that I personally will go to the book shelf and look something up before I answer a question to an individual because my memory isn't perfect and I always try to give the correct information no matter how long it takes me to figure it out or research it. Mistakes can be costly in time and energy.

The qrp-l reflector consists of a very large number of individuals from all walks of life. We have newbies to PhDs in almost every field. We all should expect to see questions from all levels and your job is to sift through the flow and pick the jewels out of the sands of time. :-)) All our interests overlap, but

there are
vast regions of material of non-interest to each of us and we just have to be
patient and use the delete key as we see fit. Hopefully the personality issues
can be kept to a minimum and we all just practice patience and tolerance.
Sorry to wane philosophical on that topic.

So postings should be clear, concise, and consistent. All
those lessons in the English language should be remembered and applied daily.
The differences between things like to, two, and too are important. It
gives the
reader an immediate feel for just how much faith to put in your posting.

FYI

Chuck Adams, K7QO
<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

Date: Sat, 7 Dec 2002 12:57:55 -0600
From: "NF0J - Dave" <nf0j@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141661] RE: The ARRL Handbook and Questions and Answers
Message-ID: <LPBBLHCCMKOHMPMNHPPAKEEDDLAA.nf0j@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Amen!

73,
Dave, NF0J

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU
[mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
Chuck Adams, K7QO
Sent: Saturday, December 07, 2002 12:35 PM
To: Low Power Amateur Radio Discussion
Subject: The ARRL Handbook and Questions and
Answers

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Phil in his book says that the basis of good scientific and technical writing is clarity, consistency, and conciseness. Writers must recognize the relationships among words, phrases, clauses, sentences, paragraphs, sections and chapters if writing a book or longer treatise on a topic. He also says that authors of technical documents and writings draw on the works that precede their own and, in turn, provide material for future readers. So you will see in my postings a reference to the ARRL Handbook or other material. "Properly citing sources satisfies legal requirements, strengthens an author's argument, maintains intellectual integrity, and provides valuable resource for the reader." That is always what I strive for in my writings.

And in the thread on the 300 and 450 ohm ladder/window line I would have liked to have seen a reference to research done on the topic instead of "I think this will work" or "I think this is better", since that is subjective and not prone to getting us any where in a discussion. In fact, many a lengthy posting has been due to lack of technical information or research. So as a group, can we agree to research items that are being discussed instead of adding to the noise level? The daily files are large and a lot of postings IMHO we could do without in that they just get deleted before being read by a large majority of the group. I get the email regularly from people wanting changes but that isn't going to happen. Education is expensive no matter how you get it as K7QO regularly says.

And I know that I personally will go to the book shelf and look something up before I answer a question to an individual because my memory isn't perfect and I always try to give the correct information no matter how long it takes me to figure it out or research it. Mistakes can be costly in time and energy.

The qrp-1 reflector consists of a very large number of individuals from all walks of life. We have newbies to PhDs in almost every field. We all should expect to see questions from all levels and your job is to sift through the flow and pick the jewels out of the sands of time. :-)) All our interests overlap, but there are vast regions of material of non-interest to each of us and we just have to be patient and use the delete key as we see fit. Hopefully the personality issues can be kept to a minimum and we all just practice patience and tolerance. Sorry to wane philosophical on that topic.

So postings should be clear, concise, and consistent. All those lessons in the English language should be remembered and applied daily. The differences between things like to, two, and too are important. It gives the reader an immediate feel for just how much faith to put in your posting.

FYI

Chuck Adams, K7QO
<http://www.qsl.net/k7qo> and
<http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

Date: Fri, 06 Dec 2002 17:21:29 +0000
From: Brian Short <bshort4@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141662] Re: The ARRL Handbook and Questions and Answers
Message-ID: <20021207190413.WAYT2199.fed1mtao02.cox.net@k7on-2000>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>one can get on the Internet. I have just finished reading a book by
>Philip Rubens titled "Science and Technical Writing". My cost \$7.50 at
>the used book store. (list \$40.00 on the jacket) Ham radio is a rather

I was taught, "If you can't say anything nice, don't say anything at all."

But, I can agree on one point...

Buying books used is the way to go. In Phoenix (Mesa), Flagstaff,
and Tucson we have Bookman's stores where one can buy/trade/swap
books, software, CDs, electronics, etc. I take my 13 year old there
often. Currently, I have about \$200 in trade credit there and I keep
going back to find those books I want/need. Their inventory turns over
quite quickly (at least in Mesa).

Also, Amazon sells used now as well as new books. I have had success
buying used books there.

eBay has a service called Half.com (www.half.com) where individuals
sell used books through their service. I have had good luck there.

Then, there is eBay. I have bought tons of books on eBay and often
they are a steal. I once bought a \$500 set of computer vision handbooks
(used value) for \$20. Go figure! Gotta pay shipping on books, but usually
media (book) rate is cheap (depending on seller).

We all use computers and many computer books are obsolete so fast.
Half Price Computer Books (hpcb) has some good values.

I'm sure there are many other sources. I'd love to hear about them
(if you're not hoarding the information about such).

Brian

--

See my web page: <http://www.k7on.com/>

Date: Sat, 7 Dec 2002 14:07:46 -0500
From: "Royce Simmons" <w2rbn@prodigy.net>
To: <qrp-l@lehigh.edu>
Subject: [141663] Variable Caps
Message-ID: <007501c29e23\$ee1fca60\$174dffd1@roycesim>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Does anyone know of a source for 365 mfd variable caps?

Thanks, Royce

Date: Sat, 7 Dec 2002 14:13:09 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [141664] Looking for polyvaricon caps
Message-ID: <007b01c29e24\$af7077f0\$7ec93ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm looking for Polyvaricon variable capacitors ... a guy from the List was selling off a large number here 1-2 years ago and the NJQRP bought a whole bunch. We're looking to buy a whole bunch more again!

Please let me know if any of you have any good leads for this cap.

Thanks!

73, George N2APB n2apb@amsat.org

Date: Sat, 7 Dec 2002 14:22:41 -0500 (EST)

From: <n2go@arrl.net>
To: <qrp-1@lehigh.edu>
Subject: [141665] FS Teflon wire: Xmas Sale
Message-ID: <Pine.LNX.4.33.0212071355590.18936-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Special offer for qrp-1 list members. Stock up before the postage and shipping rates go up in January. Super prices. Compare at under \$30 per hundred feet retail prices. I need room to set up a little metal shop. To see what the wire looks like in action, see the following link:
<http://www.qsl.net/k8iqy/2n2pix2.html>

22 AWG stranded teflon insulated wire. Ten- fifty foot rolls in an assortment of colors. (Total 500 feet per 22 gauge assortment)

or

24 AWG stranded teflon insulated wire. Five- one hundred foot rolls in an assortment of colors. (total of 500 feet per 24 gauge assortment)

Price is \$20 per 500 foot assortment plus Priority mail postage. Continental US.

The post office supplies the priority mail boxes. You pay for postage.

If you can use 10,000 feet or more. I will sell 10- one thousand foot rolls of 22AWG or 10- one thousand foot rolls of 24AWG teflon for \$200 plus UPS charges. UPS cannot be sent to a P.O. Box. This bulk offer is for Stranded teflon insulated wire in an assortment of colors. I have the shipping containers that can take ten rolls. (Save big by avoiding labor and time to spool smaller rolls.)

Paypal address is n2go@arrl.net
Check or money order is also OK. Be sure to send it well before the end of the year to take advantage of current postal and UPS rates.

Check availability before sending payment.

73,

Jim n2go

Date: Sat, 07 Dec 2002 13:22:55 -0600

From: KD5NWA <KD5NWA@mbayona.com>
To: nf0j@att.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141666] RE: The ARRL Handbook and Questions and Answers
Message-ID: <5.2.0.9.0.20021207131216.00a99558@pop.mbayona.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

And talking of clear answers, I replied to this thread yesterday, but I didn't get any replies or see my email show up on the list so here I go again.

I'm interested in buying a copy of the ARRL Handbook and the Antenna Handbook from the period of 1958 to 1964, it needs to be in good shape and at a reasonable price. I'm looking for some really good articles on Z-Match tuners that are in those publications. So if you have some old copies that your XYL...etc wants you to get rid off, here is your opportunity to find a good home for them.

Thanks

Cecil
KD5NWA

At 12:57 PM 12/7/2002 -0600, NF0J - Dave wrote:

>Amen!

>

>73,

>Dave, NF0J

>

>-----Original Message-----

>From: owner-qrp-1@Lehigh.EDU

>[mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

>Chuck Adams, K7QO

>Sent: Saturday, December 07, 2002 12:35 PM

>To: Low Power Amateur Radio Discussion

>Subject: The ARRL Handbook and Questions and

>Answers

>

>

>

>

>Gang,

>

>Before the thread gets along too far and the rocks

>start flying let me

>clarify something.

>

>I started this group almost ten years ago for the

>sole purpose of
>communicating information related to QRP. I am
>still hoping that
>is the goal of the group at large. In yesterdays
>posting related to
>350 and 400 ohm line I mentioned the ARRL Handbook
>and a
>paragraph about having a copy. Then some one
>followed up with
>a posting that I take as a note that I might be
>hinting at not asking
>questions before doing research. That was not the
>point of my post.

>.... rest of post deleted for brevity

>FYI
>
>
>Chuck Adams, K7QO
><http://www.qsl.net/k7qo> and
><http://www.earthlink.net/~k7qo>
>
>Moving to Arizona? ---- Please bring your own
>w

Date: Sat, 7 Dec 2002 12:46:05 -0700
From: "Chris Trask" <chistrask@earthlink.net>
To: <w2rnb@prodigy.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141667] Re: Variable Caps
Message-ID: <002601c29e29\$5522ffc0\$1f889a40@ctrask>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Antique Electronic Supply:

<http://www.tubesandmore.com/>

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Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

Email: christrask@earthlink.net
<http://www.home.earthlink.net/~christrask>

```
----- Original Message -----
From: "Royce Simmons" <w2rbn@prodigy.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 07, 2002 12:07 PM
Subject: Variable Caps
```

```
> Hi,  
>  
> Does anyone know of a source for 365 mfd variable caps?  
>  
> Thanks, Royce  
>  
>
```

Date: Sat, 07 Dec 2002 20:06:00 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [141668] NM all QRP
Message-ID: <5.1.0.14.0.20021207200238.00bc0b08@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

An unexpected surprise today - WA7SLD/M heading home from WY to AZ wandered through Harding, NM to give me my last county in NM all QRP. One more state down - 57 counties in 21 states to go. Average power to work a NM county comes in at 2.51 watts.

73 de Larry.....WD3P in MD
<http://www.wd3p.net/>

Date: Sat, 7 Dec 2002 13:07:41 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: <w2rbn@prodigy.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141669] Re: Variable Caps
Message-ID: <001901c29e2c\$4c4c3e90\$0a0110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

One source is "The Set Xtal Society." A group that is interested in building and using crystal radios. They offer some high quality receiving variable capacitors. The capacitors also should be suitable for any QRP transmatch, transmitter or test equipment project:

<http://www.midnightscience.com/catalog5.html>

Hope this helps.

Regards, Thomas - AC7A (Tucson)

----- Original Message -----

From: "Royce Simmons" <w2rbn@prodigy.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 07, 2002 12:07 PM
Subject: Variable Caps

> Hi,

>

> Does anyone know of a source for 365 mfd variable caps?

>
> Thanks, Royce

Date: Sat, 7 Dec 2002 13:14:49 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: <w2rbn@prodigy.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141670] Re: Variable Caps
Message-ID: <003a01c29e2d\$4bc2cdd0\$0a0110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Correction, "The XTAL Set Society."

That's what I get for being up nearly all night in the 160 contest, and then leaving for the Mesa, AZ Hamfest (115 mi. from Tucson), at 4:30 AM. I need some sleep.

Thanks, Thomas - AC7A (Tucson)

----- Original Message -----
From: "Royce Simmons" <w2rbn@prodigy.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 07, 2002 12:07 PM
Subject: Variable Caps

> Hi,
>
> Does anyone know of a source for 365 mfd variable caps?
>
> Thanks, Royce
>
>

Date: Sat, 7 Dec 2002 12:34:06 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>

To: w2agn@w2agn.net,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141671] Re: W6TOY?
Message-ID: <20021207203406.62082.qmail@web14203.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi John,

I'm in northern Va. and will give a try.

73, Bill kc4atu

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Sat, 7 Dec 2002 14:54:14 -0600
From: "Larry" <w5wlb@gbronline.com>
To: "Qrp-l" <qrp-l@lehigh.edu>
Subject: [141672] mk484
Message-ID: <005901c29e32\$cda6a880\$31d2fdd8@yourx6k5fonaok>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

looking for a stateside source for the mk484 ic. Anyone have any ideas.
Thanks
Larry W5wlb

Date: Sat, 7 Dec 2002 11:13:12 -0600
From: "David Bixler" <qrp@netins.net>
To: <n0ur@attbi.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141673] RE: [radio] 160 Meter contest wateringhole
Message-ID: <000101c29e13\$ed6ac580\$380520cf@XPComputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Hi Gang:

Lots of LOUD signals on 160 last night. There were many fine operators who managed to copy my puny little 5 watts! And quite a few others who I called and called with no results.

So far, have 85 Q's in the log. Haven't counted the sections yet. Best DX was Maine.=20

Only known QRP station that I worked was Dan, N4ROA in VA. Heard Ade, W0RSP in S&P mode but no QSO. Worked QRP'ers K7RE, AC7A, N5TW, but think they were all QRO last night.

I'll listen on 1872 tonight and see what I hear.

72, Dave

David Bixler W0CH
Seneca, Missouri
QRP Web Site: <http://w0ch.com>
Four State QRP Group: <http://w0ch.com/fsqrp>

QRP: Little Radios, Big Fun!=20

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Jim N0UR
Sent: Saturday, December 07, 2002 9:49 AM
To: Low Power Amateur Radio Discussion
Subject: [radio] 160 Meter contest wateringhole

I have been playing around in the 160 meter contest, yet to have a CQ answered yet.

I was thinking maybe it would be a good idea to have a frequency were us Qrprs could find each other. How does 1872 sound? I will try and CQ and listen around there for us little guys tonight.

72s
Jim, N0UR

Date: Sat, 07 Dec 2002 21:38:31 +0000
From: Harry <wa3ptg@comcast.net>

To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [141674] HB - wire specs
Message-ID: <PPEGJMIMHELBFCFE0FJEAAAAA.wa3ptg@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Picked up a spool of wire today at a flea market. I'd like to find out the specs on this wire, but the mfg doesn't have a web page.

The spool is marked:

Gavitt Mfg. Co.

090-22-07-4-337 Y

>From the number, it must be #22 wire, Y must be for yellow, I'd like to know what the insulation is. It looks like the wire used in old tube TVs.
Anybody? TIA.

72

Hap, WA3PTG

Wilmington DE

Date: Sat, 07 Dec 2002 21:43:49 +0000
From: Harry <wa3ptg@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [141675] RE: The demise of old radio stores
Message-ID: <PPEGJMIMHELBFCFE0FJEAAAAA.wa3ptg@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

So, now that we've remembered the great stores of the past, who's still there??

Are there any small radio stores left? Over the years I've heard of a few, but only when they close.

72

Hap, WA3PTG

Wilmington DE

Date: Sat, 7 Dec 2002 16:57:26 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [141676] 6M contest
Message-ID: <000501c29e3b\$a1ae29c0\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

There's a 6M contest on this weekend...is anybody hearing anything???

I have checked the band several times today and heard nothing...is my rig shot???

73, Joe W2KJ

Date: Sat, 07 Dec 2002 15:58:25 -0600
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@lehigh.edu
Subject: [141677] custom NA-20 paddle for sale
Message-ID: <3.0.2.32.20021207155825.0069a588@facstaff.wisc.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Hello guys,

Christmas is approaching! I am selling a really nice set of iambic paddles, the NA-20 by North American Telegraph Co. This is exactly as seen on the Morse Express website, BUT mine were custom made by Jim K6VDH with ebony fingerpieces instead of cocobolo wood. The combination of ebony, black granite, and brushed brass is quite striking! The curved fingerpieces are very comfortable, and a little closer together than a Schurr paddle. Shipped to you in conUS for \$130.

72, Paul

Paul Goemans WA9PWP

Stoughton, WI 53589
all email checked by NAV2002

Date: Sat, 7 Dec 2002 15:59:9 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [141678] 4-conductor computer ribbon:
Message-ID: <412002126721599418@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Looking for about 100' of gray flat computer ribbon. Anyone have some to sell?

73,
--Doc/K0EVZ

Date: Sat, 07 Dec 2002 14:26:17 -0800
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [141679] Teflon coated wire --- cheapest price thus far
Message-ID: <5.1.1.6.0.20021207142345.00b2eac0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Bob, N6WG, has come up with the URL that thus far that has the cheapest pricing on solid teflon coated wire. That's the good news. The bad news is that you had better need a lot of it as they sell only 1,000 foot rolls as far as I've found. :-)

<http://www.worldwide.com/html/hu-t-sol.html>

I post this as it seems to be an unlimited supply available and not many are going to go for this any way. And let's hope that I didn't make a typo.

FYI

Chuck Adams, K7QO

<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

Date: Sat, 7 Dec 2002 15:20:24 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [141680] Battery powered soldering iron
Message-ID: <MABBJ0EAB0ILMKCJCLFCIEOGDMAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm looking for a battery powered soldering iron. So far, in searching the web,

I've only found one, powered by three AA alkaline cells.

I'm sure there must be more out there. Maybe I just used the wrong search term.

Can anyone refer me to a product or site where I can find some of these things?

73, Bob N6WG

Date: Sat, 7 Dec 2002 18:29:43 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Bob Tellefsen <n6wg@earthlink.net>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [141681] Re: Battery powered soldering iron
Message-ID: <Pine.LNX.4.44.0212071822370.8531-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wahl Iso-tip. Nice, hot iron - and rechargeable, too.

We have a model 7700 at work. Works well, decent balance, heats quickly. Replaceable tip, too.

http://www.partsexpress.com/pe/showdetl.cfm?DID=7&Product_ID=10632

as just one example of what it looks like.

On Sat, 7 Dec 2002, Bob Tellefsen wrote:

> I'm looking for a battery powered soldering iron. So far, in searching the
> web,
> I've only found one, powered by three AA alkaline cells.
> I'm sure there must be more out there. Maybe I just used the wrong search
> term.
> Can anyone refer me to a product or site where I can find some of these
> things?
> 73, Bob N6WG
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sat, 07 Dec 2002 18:33:56 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [141682] Re: Battery powered soldering iron
Message-ID: <5.1.1.6.1.20021207183040.00b1e3f0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Bob,

Some years ago I had a Wahl Iso-Tip rechargeable iron. It had built-in NiCd batteries and came with a wall charger. I got it at Radio Shack at the time. Here's a Web page with examples:

<http://www.starkelectronic.com/whl7944.htm>

I haven't dealt with this particular company - they just show what the

irons look like.

I modified mine with a slide switch to disable the built-in lamp to extend the battery life a little bit. As irons go it's probably in the 15-watt range. Too wimpy for antenna work, but I used mine mostly for PC boards.

Dave

At 03:20 PM 12/7/2002 -0800, you wrote:

>I'm looking for a battery powered soldering iron. So far, in searching the
>web,
>I've only found one, powered by three AA alkaline cells.
>I'm sure there must be more out there. Maybe I just used the wrong search
>term.
>Can anyone refer me to a product or site where I can find some of these
>things?
>73, Bob N6WG

"An optimist says the glass is half full. A pessimist says the glass is
half empty. An engineer says you could have used a smaller glass."

Dave Hinerman
WD8CIV@att.net

Date: Sat, 7 Dec 2002 15:46:14 -0800
From: "Jim Pruitt" <wa7duy@charter.net>
To: "QRP-L" <qrp-l@lehigh.edu>, <gsailsbury@mobill1.net>
Subject: [141683] Re: Help with a call sign: try <http://callsign.ualr.edu/callsign.shtml>
Message-ID: <00e401c29e4a\$d56db320\$6401a8c0@knnwck.wa.charter.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello Gene and group.

I saw that you did find who you were looking for but would like to offer a very good url for looking up callsign information. Try the search engine at the University of Arkansas at Little Rock. The url is <http://callsign.ualr.edu/callsign.shtml> and apparently updates the data daily from the fcc database. It allows searching on callsign or name and/or town and/or state.

I have found it quite useful when I did not necessarily know the callsign but did have a name or town. I also use it for getting a list of hams in a particular town.

I hope you find it useful.

Jim Pruitt

----- Original Message -----

From: "Gene Sailsbury" <gsailsbury@mobill1.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, December 07, 2002 8:40 AM

Subject: Help with a call sign

> I worked Bill in Little Rock, Arkansas on 7.040 this morning but copied his

> call sign down wrong. Not very

> good with copying CW but sure am working on it. I got

> NU5CGM which of course is wrong. I want to send him a card because he took

> time to work with me even with my bad fist. He slowed down to where I could

> copy him.

> It is really great to meet such a nice ham that will work with us guys that

> are in training. Please send note to

> gsailsbury@mobill1.net

> Thanks

> 72

> Gene NOMQ

> PS: Worked him with my K1 @ 5 watts

End of QRP-L Digest 2762
